

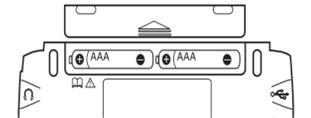
Please read the following safety warnings and precautions before using your device. **Note:** If this device is to be used by young children, this User's Guide should be read to them by an adult and their use of the device should be monitored. Failure to do so may cause injury.

1. Getting Started

1.1 Installing the Batteries

Your product is powered by two AAA batteries. Follow these easy instructions to install or replace them. Please have the new batteries at hand before you remove the old ones.

1. Turn your product off and turn it over.
2. Open the battery cover on the back of your unit by pushing in the direction of the arrow.
3. Remove the old batteries.
4. Install the batteries following the +/- markings in the battery compartment.



Important: Be sure that the batteries are installed correctly. Wrong polarity may damage the unit.

5. Replace the battery cover.
- Warning:** If the batteries wear-out completely or if you take more than a few seconds while changing the batteries, any information that was entered in the built-in books may be erased. You should always keep written copies of your important information.

Battery Precautions

- Non-rechargeable batteries are not to be re-charged. Never recharge batteries that come with the device.
- Rechargeable batteries are to be removed from the device before being charged.
- Rechargeable batteries are only to be charged under adult supervision.
- Do not mix old and new batteries.
- Only batteries of the same or equivalent type as recommended are to be used.
- The supply terminals are not to be short-circuited.
- Do not expose batteries to direct heat or try to take batteries apart. Follow the battery manufacturer's instructions for battery use.
- Always remove a weak or dead battery from the device.
- To avoid damage caused by leakage of the battery fluid, replace the battery or batteries once every two years regardless of how much the device has been used during that time.
- Should a battery leak, the device may become damaged. Clean the battery compartment immediately, avoiding contact with your skin.
- Keep batteries out of reach of small children. If swallowed, consult a physician immediately.

1.2 Understanding Your Device



1. **Screen**
2. **Speaker**
3. **Function Keys**
4. **USB Port:** The USB Port is designed for a mini-USB 1.1 compatible connection. Plug the mini-USB jack of a USB cable into this port and the standard-size USB jack into your PC to connect your device to your PC.
5. **Headphone jack:** The headphone jack is designed for 3.5 mm, 35 ohm impedance stereo headphones. **Caution:** Monophonic headphones will not work with this unit.

6. **Power Key**
7. **Direction Keys**

1.3 Key Guide

Soft Keys

Soft Key functions are represented by the labels displayed along the bottom of the screen. To perform a Soft Key function, press the **FT** - **FS** key at the top of the keyboard that corresponds to the label on the screen that you want to select. These labels change to reflect the different functions available in the various books and exercises in this device.

For example, in the main menu, the following Soft Keys are available:

- | | |
|--------------|------------------------------|
| BOOKS | Displays the Books menu. |
| LEARN | Displays the Learn menu. |
| EXER | Displays the Exercises menu. |
| GAMES | Displays the Games menu. |
| TOOLS | Displays the Tools menu. |

Please refer to the specific topics in this User's Guide to learn the function of any available Soft Keys.

Function Keys

- | | |
|--|--|
| | Turns the product on or off. |
| | Goes to the main menu. With FN , displays a help message. |
| | Speaks a word. |
| | Shifts to type capital letters. |
| | Shifts to allow prev , next , page up , page down , and in combination with the number keys, types special characters. |

- | | |
|--|--|
| | Clears or cancels the current operation and reverts to the last menu, prompt or screen. Goes to the word entry screen in any book that has one. Clears the calculator. |
|--|--|

- | | |
|--|--|
| | Backs up, erases a letter, or turns off the highlight at an entry. |
| | Enters a word, selects an item, or begins a highlight in an entry. |
| | At a word entry screen, types a ? to stand for a letter in a word. |
| | While in text, cycles through the available font sizes (small, medium, large). |
| | Displays the volume bar. Press ◀ or ▶ to adjust it. |
| | At entry screens, types a space. |

Combination Keys

Hold the first key while pressing the second.

- | | |
|--|---|
| | Speaks a definition. |
| | Pages up or down. |
| | At a dictionary entry, displays the previous or next entry. |
| | At a menu, goes to the first or last menu item. At an entry, goes to the start or end of the entry. |

- | | |
|--|--|
| | Types the special character shown on the number key. |
| | Displays a menu of special characters, including: ! @ # \$ % ^ & * () - / \ : ; ' " , . ? _ = { [and] . |
| | Displays a help message. |

- | | |
|--|---|
| | At a word entry screen, types an asterisk to stand for a series of letters in a word. |
| | |
| | |

Direction Keys

Moves up (**▲**), down (**▼**), left (**◀**), or right (**▶**). **Follow the arrow:** The flashing arrows on the right of the screen show which arrow keys you can press to move around menus or view more text.

In menus and dictionary entries, pages down.

1.4 Using the Main Menu

Use the main menu to quickly take you to different books and exercises in your device. The main menu contains five tabs: *Books*, *Learn*, *Exercises*, *Games* and *Tools*. Use **▶** and **◀** to move to another tab. Use **▲** and **▼** to highlight the option you want and press **ENTER** to select it. You can also go directly to a tab by pressing the tab's respective Soft Key.

1.5 Understanding the Menus

The **Books** tab enables you to look up definitions, thesaurus entries, information about English usage, punctuation, style, signs, symbols and tables, notable quotations, and translations of common words.

The **Learn** tab enables you to access *My Vocabulary List*, a personal dictionary, and read grammar lessons. You can also access the SAT® Word List.

The **Exercises** tab allows you to access *Speaking Spelling Bee* and *Flashcards*. You can try both exercises using English words saved to *My Vocabulary List* and those found in the SAT® Word List.

The **Games** tab allows you to access the twelve games included in your device: *Word Train*, *Hangman*, *Anagrams*, *Word Builder*, *Jumble*, 1 and 2 player *Link Four*, *Letris*, *Letter Poker*, *Word Blaster*, *Word Dozer* and *Word Deduction*. You can also adjust the game settings.

The **Tools** tab allows you to access a demonstration and tutorial of how this device works. You can also adjust the device settings. Use this menu to access a phone book, schedule, memo book, class schedule, timer, stopwatch, clock, calculator, metric converter and currency converter.

1.6 Viewing a Demonstration or Tutorial

1. Press **MENU**.
2. Press **TOOLS**. You can also press **◀** or **▶** until you reach the Setup menu.
3. Press **▼** to highlight either *Tutorial* or *View Demo* and press **ENTER**. To stop the demonstration or exit from the *Tutorial* and return to the Tools menu, press **CLEAR**.

1.7 Help is Always at Hand

You can view a help message at any screen by pressing **FN** and then pressing **MENU**. Press **▲** or **▼** to read. To exit help, press **BACK**.

2. BOOKS Menu

2.1 Finding Dictionary Entries

Use the *Merriam-Webster's Collegiate® Dictionary, 11th Edition* to look up definitions.

1. Press **MENU**.
2. Press **BOOKS**.
3. **M-W's 11th Collegiate Dictionary** is highlighted. Press **ENTER** to select it.
4. **Begin typing a word (e.g., intuition).** As you type letters, the first word in the book that matches the letters you type moves to the top of the word list. You may not have to type the entire word in order to find the one you want. In this example, note that "intuition" appears on the screen after you type "intu".
5. **When the word you want is on the screen, press ▼ until the word is highlighted.** Or you can continue typing letters until the word is complete and the matching word is automatically highlighted. To erase a letter, press **BACK**. To type a capital, press **CAP** and then press a letter key.

Press...	To...
	hear the highlighted word pronounced
THES	look up the highlighted word's thesaurus entry

- | | |
|--------------|---|
| LIST | add the highlighted word to <i>My Vocabulary List</i> |
| TRANS | look up translations of the highlighted word |
6. **Once the word you want is highlighted, press ENTER to look it up.** Press **▼** or **SPACE** to scroll. Press to hear a headword pronounced. Press **FN** and then press to hear the definition read.
 7. **Press FN and then press ▶ or ◀ to view the next or previous entry.**
 8. **Press CLEAR when done.** Press **MENU** to go to the main menu.

Understanding Definitions

Entries may consist of headwords, parts of speech, and definitions. Other forms of the word may follow the headword. After the definition, you may see a list of usage examples.

Misspelling Words

If you enter a misspelled word, a list of corrections appears. Highlight the word you want and then press **ENTER** to see its entry.

Viewing Multiple Entries

If a search finds more than one matching entry you can easily move back and forth between the matches. Press **FN** and then press **◀** or **▶** to go to the previous or next matching entry.

Understanding Confusables

Confusables are homonyms, homophones and spelling variants that are easy to confuse, e.g. *board*, *bored*. If the word you looked up is a confusable, the **CONF** Soft Key is displayed. Press **CONF** to view the confusables.

2.2 Hearing Words

This dictionary can pronounce the words that appear on almost any screen—in definitions, spell correction lists, *My Vocabulary List*, and games. When you want to hear how a word is pronounced, just highlight it and press .

To adjust the volume, first press . Then press **▶** or **◀** to adjust it higher or lower. You can also plug headphones into the headphone jack which is located on the right side of the device when looking at the screen. Try this example.

1. Press **MENU**.
2. Press **BOOKS**.
3. **M-W's 11th Collegiate Dictionary** is highlighted. Press **ENTER** to select it.
4. **Type a word (e.g., ptarmigan).**
5. Press to hear it pronounced.
6. Press **ENTER** to see its definition.
7. Press to hear the headword pronounced or press **FN** and then press to hear the definition read. **Note:** Definitions can only be read in the *Merriam-Webster's Collegiate® Dictionary, 11th Edition*.
8. Press **ENTER** to start the highlight.
9. **Use the arrow keys to move the highlight to a word you want to hear.**
10. Press to hear the highlighted word pronounced.
11. Press **CLEAR** when done.

2.3 Using the Thesaurus

Use the Franklin Thesaurus to find synonyms, antonyms and other information about a word.

1. Press **MENU**.
2. Press **BOOKS**.
3. **Use ▼ or ▲ to highlight Franklin Thesaurus**, then press **ENTER**.
4. **Begin typing a word (e.g., complete).** As you type letters, the first word in the book that matches the letters you type moves to the top of the word list. You may not have to type the entire word in order to find the one you want. In this example, note that "complete" appears on the screen after you type "complet".
5. **When the word you want is on the screen, press ▼ until the word is highlighted.** Or you can continue typing letters until the word is complete and the matching word is automatically highlighted. To erase a letter, press **BACK**. To type a capital, press **CAP** and then press a letter key. Press to hear the word you typed pronounced.
6. Press **ENTER** to view the thesaurus entry. Press **▼** or **SPACE** to scroll. Press to hear a headword pronounced.
7. **Hold FN and press ▶ or ◀ to view the next or previous entry.**
8. **Press CLEAR when done.** Press **MENU** to go to the main menu.

Understanding Thesaurus Entries

A thesaurus entry consists of a group of synonyms, antonyms and classmates. Synonyms are words that have similar meanings, e.g. *happy/joyous*. Antonyms are words that have the opposite meaning of the word being defined, e.g. *happy/miserable*. Classmates are words that are related in some way to the word being defined, e.g. *triangle/triangle; castanets; cymbal; drum; glockenspiel;...*

2.4 Highlighting Words

Another way to look up words is by highlighting them in entries or word lists. You can then find their definitions, thesaurus entries, or add them to *My Vocabulary List*.

1. **At any text, press ENTER to start the highlight.** To turn the highlight off, press **BACK**.
2. **Use the arrow keys to move the highlight to the word you want.**

Press...	To...
ENTER or DICT	define the word
	hear the word pronounced
THES	view the word's thesaurus entry
LIST	add the word to <i>My Vocabulary List</i>
TRANS	look up translations of the word

Note: Not all Soft Key functions are available in all locations.
3. **Press CLEAR when done.** Press **MENU** to go to the main menu.

2.5 Finding Letters in Words

If you are uncertain about how to spell a word, type a question mark (?) in place of each unknown letter. To find prefixes, suffixes, and other parts of words, type an asterisk (*) in a word. Each asterisk stands for a series of letters. **Note:** If you type an asterisk at the beginning of a word, it may take a little while to find the matching words.

1. **Go to any word entry screen.** You can access a word entry screen by selecting *M-W's 11th Collegiate Dictionary*, *Franklin Thesaurus*, or *5 Language Translator* from the Books menu.
2. **Type a word with ?'s and *'s.** To type an asterisk, hold down **CAP** and press .
3. Press **ENTER**.
4. Press **▼** to move the highlight to the word you want and press **ENTER** to view its entry.
5. Press **CLEAR** when done. Press **MENU** to go to the main menu.

2.6 Reading About English Usage

This device contains a book to help you review and learn common rules of English usage.

1. Press **MENU**.
2. Press **BOOKS**.
3. **Use ▼ or ▲ to highlight M-W's Concise English Usage**, then press **ENTER**.
4. **Use ▼ or ▲ to highlight the topic you want and press ENTER.** Use **▼** or **▲** to highlight a sub-topic, if needed, and press **ENTER**.
5. Press **SPACE** or **▼** to scroll.
6. Press **CLEAR** when done. Press **MENU** to go to the main menu.

2.7 Reading About Punctuation and Style

This device contains a book to help you review and learn common rules of punctuation and style.

1. Press **MENU**.
2. Press **BOOKS**.
3. **Use ▼ or ▲ to highlight M-W's Guide to Punctuation & Style**, then press **ENTER**.
4. **Use ▼ or ▲ to highlight the topic you want and press ENTER.** Use **▼** or **▲** to highlight a sub-topic, if needed, and press **ENTER**.
5. Press **SPACE** or **▼** to scroll.
6. Press **CLEAR** when done. Press **MENU** to go to the main menu.

2.8 Using Signs, Symbols and Tables

This dictionary contains over 20 tables of useful information about science, geography, and other fields of knowledge.

To view a table, do the following:

1. Press **MENU**.
2. Press **BOOKS**.
3. **Use ▼ or ▲ to highlight M-W's Signs, Symbols and Tables**, then press **ENTER**.
4. **Press ▼ or ▲ to highlight the topic you want.** You can also type a letter to go to the first topic beginning with that letter. For example, type **st** to highlight *Stamps and*

stamp collecting.

5. Press **ENTER** to view its entry. Press **▼** or **▲** if necessary, to highlight the sub-topic you want and then press **ENTER**. Press **BACK** to return to the list. Press **SPACE** or **▼** to scroll.
6. Press **CLEAR** when done. Press **MENU** to go to the main menu.

2.9 Finding Quotations

This dictionary contains a book of notable quotations, that you can find by author, subject or work.

1. Press **MENU**.
2. Press **BOOKS**.
3. **Use ▼ or ▲ to highlight M-W's Dictionary of Quotations**, then press **ENTER**.
4. Press **▼** or **▲** to highlight the search option you want. *Search by Author* displays a list of authors, arranged alphabetically. *Search by Subject* displays a list of subject, arranged alphabetically. *Search by Work* displays a list of published works, arranged alphabetically.
5. Press **ENTER**.
6. Press **▼** or **▲** to highlight the author, subject or work you want. Press **SPACE** to scroll one page at a time. You can also type a letter to go to the first item beginning with that letter. For example, in the authors list, type **cs** to highlight *C.S. Lewis*.
7. Press **ENTER**. **Note:** If multiple quotes exist for an author, subject or work, press **▼** or **▲** to highlight the quote you want and then press **ENTER**. Press **SPACE** or **▼** to scroll.
8. Press **CLEAR** when done. Press **MENU** to go to the main menu.

2.10 Using the 5-Language Translator

Use the 5-language translator to translate words to and from English, Spanish, French, German, and Italian.

1. Press **MENU**.
2. Press **BOOKS**.
3. **Use ▼ or ▲ to highlight 5 Language Translator**, then press **ENTER**. The input language is English by default. Press a language's respective Soft Key to change the input language.
4. **Begin typing a word (e.g., place).** As you type letters, the first word in the book that matches the letters you type moves to the top of the word list. You may not have to type the entire word in order to find the one you want. In this example, note that "place" appears on the screen after you type "pl".
5. **When the word you want is on the screen, press ▼ until the word is highlighted.** Or you can continue typing letters until the word is complete and the matching word is automatically highlighted. To erase a letter, press **BACK**. To type a capital, press **CAP** and then press a letter key.
5. Press **ENTER** to view the translations. Press **SPACE** or **▼** to scroll.
6. Press **CLEAR** when done. Press **MENU** to go to the main menu.

3. LEARN Menu

3.1 Using My Vocabulary List

You can save up to 100 words in *My Vocabulary List* for personal study or review. *My Vocabulary List* is saved between sessions unless your product is reset.

Adding Words from the Learn Menu

1. Press **MENU**.
2. Press **LEARN**.
3. Press **▼** or **▲** to highlight **SAT® Word List**, then press **ENTER**. Press **▼** or **▲** to scroll through the SAT® Word List. You can also type a letter to go to the first word beginning with that letter. For example, type **gre** to see *gregarious*. Press **ENTER** at any word to view its definition. Press **BACK** to return to the list.
4. Press **ADD**.
5. **Type a word and then press ENTER.** **Note:** If the word you typed is not found in any dictionary on the device you see a list of possible corrections.
6. Press **CLOSE** when done.

Adding Words from the Dictionary

You can add words to *My Vocabulary List* from any dictionary or thesaurus in your device.

1. Press **MENU**. You see the *Books* menu.
2. **Use ▼ or ▲ to select a dictionary or thesaurus and then press ENTER.**
3. **Press the word you want to look up and add to your word list (for example, poignant).**
4. Press **LIST**.

Add "poignant" to word list?, Go to *My Vocabulary List*, and **Cancel** appear in a menu. Press **▼** or **▲** to highlight the option you want and press **ENTER**. A message will confirm if your entry was added. You can also press **ENTER** to view the dictionary or thesaurus entry and then press **LIST** to see your options.

5. Press **CLEAR** when done.

Viewing My Vocabulary List

1. Press **MENU**.
2. Press **LEARN**.
3. **My Vocabulary List** will be highlighted. Press **ENTER** to select it. The number of entries appears at the top right of the screen.
4. Press **▼** or **▲** to highlight an entry. You can also type the first few letters of a word to go directly to that part of the list.
5. Press **ENTER** to view its definition.
6. Press **CLOSE** when done.

Deleting Words

1. Press **MENU**.
2. Press **LEARN**.
3. **My Vocabulary List** will be highlighted. Press **ENTER** to select it. The number of entries appears at the top right of the screen.
4. Press **▼** or **▲** to highlight an entry. You can also type the first few letters of a word to go directly to that part of the list.
5. Press **DELETE** to remove the highlighted entry. You are asked to confirm the deletion. Yes is highlighted. Press **ENTER** to delete the word. Press **▶** to highlight *No* and then press **ENTER** to cancel the deletion.
6. **To delete all words, press DEL ALL.** You are asked to confirm the deletion. *No* is highlighted. Press **ENTER** to cancel the deletion. Press **◀** to highlight *Yes* and then press **ENTER** to erase the list. **Note:** Only the current list is erased.
7. Press **CLEAR** when done.

3.2 Reading the Grammar Guide

Your device includes an outline of English grammar topics such as parts of speech, phrases, clauses, the correct usage of punctuation, and so on.

1. Press **MENU**.
2. Press **LEARN**.
3. Press **▼** or **▲** to highlight *Grammar Guide* and then press **ENTER**. Each major section is composed of topics and sub-topics.
4. Press **▼** or **▲** to highlight the topic you want to study and then press **ENTER**.
5. If necessary, highlight the sub-topic you want and press **ENTER**.
6. Press **SPACE** or **▼** to read. If a topic contains a quiz to help you review the rules described in that topic, the **QUIZ** Soft Key will be displayed. Press **QUIZ** to begin the quiz. Follow the instructions on the screen to complete the quiz. To exit the quiz, press **CLOSE**.
7. Press **FN** and then press **▶** or **◀** to view the next or previous topic.
8. Press **BACK** to return to the list of topics.
9. Press **CLEAR</**

In schedule or memo records, press ► when required to open a pop-up menu. In schedule records, this includes selecting the type of event, the time of the event and whether or not to set an alarm. In memos, this includes selecting a date. Use the navigation buttons to select your settings and then press **ENTER**.

- When done, press SAVE to add the entry.** Press **CLOSE** to exit without saving the entry. You are asked to confirm the exit. Yes is highlighted. Press **ENTER** to exit without saving. Press ► to highlight **NO** and then press **ENTER** to cancel the exit.

Viewing Entries

- Press **MENU** and then press **TOOLS**.
- Press **▼** or **▲** to select *Phonebook*, *Schedule* or *Memo* and then press **ENTER**.
- Press **▼** or **▲** to select an entry.
- Press **ENTER** to view the selected entry.
- Press **▼** or **▲** to scroll through the available fields.

If a field contains too much information than can fit on the screen, it will display in a pop-up box while that field is highlighted. Press **EDIT** or **DELETE** to edit or delete the current entry. Press **CLOSE** to exit.

Editing Entries

- Press **MENU** and then press **TOOLS**.
- Press **▼** or **▲** to select *Phonebook*, *Schedule* or *Memo* and then press **ENTER**.
- Press **▼** or **▲** to select an entry.
- Press **EDIT** to edit the selected entry.
- Make your changes just as you would when adding an entry.** Press **▼** or **ENTER** to advance to the next field. Press ◀ or ▶ to move the cursor. To erase a letter, press **BACK**.
- Press SAVE when done.** Press **CLOSE** to exit without saving any changes.

Deleting Entries

- Press **MENU** and then press **TOOLS**.
- Press **▼** or **▲** to select *Phonebook*, *Schedule* or *Memo* and then press **ENTER**.
- Press **▼** or **▲** to select an entry.
- Press **DELETE** to remove the selected entry. You are asked to confirm the deletion. *No* is highlighted. Press **ENTER** to cancel the deletion. Press ◀ to highlight *Yes* and then press **ENTER** to delete the word.
- To delete all entries, press DEL ALL.** You are asked to confirm the deletion. *No* is highlighted. Press **ENTER** to cancel the deletion. Press ◀ to highlight *Yes* and then press **ENTER** to erase the list.

Using a Password

You can use a password to prevent unauthorized access to the phonebook, schedule, memos and class schedule.

Warning! Always write the password in a safe, separate location. To protect your information, please make regular copies of your data on your PC. For more information on backing up and restoring your data, please see "Copying Files to Your Device".

- Press **MENU** and then press **TOOLS**.
- Press **▼** or **▲** to select *Phonebook*, *Schedule*, *Memo* or *Class Schedule* and then press **ENTER**.
- Press **PASSWD**.
- At the prompt, type a password of up to eight characters and press ENTER.**

For security, each character will appear as *.

- Re-enter the same password and press CONFIRM or ENTER.**

If the passwords do not match, you must start over. The password you set will be requested whenever the Phonebook (or other protected feature) is selected.

- To change the password, repeat Steps 1-5.** To disable the password, press **ENTER** at both password prompts.

6.2 Class Schedule

Adding Classes

- Press **MENU** and then press **TOOLS**.
- Press **▼** or **▲** to select *Class Schedule* and then press **ENTER**.
- Press **FN** and then press ► or ◀ to set the tab to the desired day of the week. Then press **▼** or **▲** to select one of the 12 preset blocks of time in **AM**, **PM**, or **Night**.
- Press **EDIT** to add a class.
- Type a class name and press ENTER.** Press **DETAILS** to add a teacher, address, and memo. Press **▼** or **ENTER** to advance to the next field. To erase a letter, press **BACK**.

To type a capital, press **CAP** and then press a letter key.

To type a number, press a number key. To enter a special character (if permitted), press **FN** and then press a number key. You can also press **FN** and then press ▲ to view a menu of special characters. Use the direction keys to highlight one and then press **ENTER**. Press **SAVE** when you are finished adding details.

- Continue adding classes until your class schedule is complete, then press SAVE.** Press **DEL ALL** to delete all classes. You are asked to confirm the deletion. *Cancel* is highlighted. Press **ENTER** to cancel the deletion. Press ◀ to highlight *OK* and then press **ENTER** to erase the schedule. Press **PASSWD** to assign a password to your Class Schedule. Please see "Using a Password" in "Using Phonebook, Schedule and Memo".

Viewing Your Schedule

- Hold FN and then press ► or ◀ to change days.**
- Press **▼** or **▲** to scroll through the schedule.
- Press **ENTER** or **DETAILS** to view any details of the highlighted class, then press **BACK** to return to the schedule.

6.3 Timer

- Press **MENU** and then press **TOOLS**.
- Press **▼** or **▲** to select *Timer* and then press **ENTER**.
- Press **SETUP**.
- Press ► to open a calendar. A calendar is displayed.
- Use the direction keys to select a target date (day, month, and year) and then press ENTER.**
- Press **▼** to go to the event field.
- Type an event title.**
- Press START when finished.** The Timer screen will then display how long it will be until the day of the event.
- Press **CLOSE** when done. Press **RESET** to clear the scheduled event.

6.4 Stopwatch

- Press **MENU** and then press **TOOLS**.
- Press **▼** or **▲** to select *Stopwatch* and then press **ENTER**.
- When ready, press START to begin timing.** The stopwatch begins counting time in *hundredths* of a second (HH:MM:SS.ss).
- Press PAUSE to allow for adjustments.** For example, a time-out, caution flag, or other non-event pause. Press **CONTINUE** when ready to resume where the stopwatch left off.
- Press LAP as the participant reaches the end of each lap or portion of the event.** Up to six (6) split times are recorded.
- Press PAUSE to view the final time.**
- Press **RESET** to start over again.

6.5 Using the Clock

The clock displays both home time and world time in your selected format. You can use the clock to check the time in different cities around the world.

- Press **MENU** and then press **TOOLS**.
- Press **▼** or **▲** to select *Clock* and then press **ENTER**.
- Press **CLOSE** when done.

Setting the Date and Time

- While viewing the clock, press SETUP.**
- Adjust the date and time for your home city.** Press **▼** or **▲** to change the current setting. Press ► or ◀ to move between the fields. While setting the clock, press **24 HR** (or **12 HR**) to toggle between a 12- and 24-hour clock.
- Press SAVE when done.** Press **CLOSE** to exit without saving any changes.

Changing Cities

- Press **CITY**. The home city is highlighted.
- Press **ENTER** to change the home city. Or you can press ► and then press **ENTER** to change the world city. A menu of cities is displayed.
- Press **▼** or **▲** to highlight the city you want. You can also type the first few letters of a city name to go directly to that part of the list. Press **BACK** to exit without selecting a new city.

- Press **ENTER** to select the highlighted city. The new city will be displayed, along with the appropriate time for that new city. While selecting a city, press **DST ON** (or **DST OFF**) to toggle daylight saving time (DST) on or off.

- Press **SAVE when done.** Press **CLOSE** to exit without saving any changes.

6.6 Using the Calculator

Your device also includes a scientific calculator that allows you to perform advanced calculations.

- Press **MENU** and then press **TOOLS**.
- Press **▼** or **▲** to select *Calculator* and then press **ENTER**.

- Perform your calculation.** Press **CLEAR** or **AC** to clear all calculations. Press **CE** to clear only the current number. Press **ENTER** to complete the calculation. Press... To...

T(.) type a decimal point

M(+/-) change the number from positive to negative or vice versa

Y(+) add numbers

U(-) subtract numbers

I(x) multiply numbers

O(÷) divide numbers

Advanced Calculations

- | | |
|---------------------|---|
| Press... N(1/x) | To... calculate a reciprocal |
| X(√x) | calculate a square root |
| Z(x²) | square a number. |
| C(x ^y) | calculate x raised to the <i>y</i> th power. For example, press 3 , C , 2 , then ENTER to calculate 3 raised to the power of 2. |
| F(√w) + C(y√x) | calculate the <i>y</i> th root of <i>x</i> . For example, press 4 , F , C , 8 , 1 then ENTER to calculate the 4th root of 81. |
| R(%) | calculate percentages. For example, press 2 , 5 , I(x) , 2 , 0 , R , then ENTER to calculate the value of 20% of 25. |
| A(sin) | calculate the SIN of an angle. For example, press A , 3 , 0 , CAP , 0 , then ENTER to calculate the SIN of a 30 degree angle. |
| F(INV) + A(sin) | calculate an inverse SIN |
| S(cos) | calculate the COS of an angle. For example, press S , 6 , 0 , CAP , 0 , then ENTER to calculate the COS of a 60 degree angle. |
| F(INV) + S(cos) | calculate an inverse COS |
| D(tan) | calculate the TAN of an angle. For example, press D , 4 , 5 , CAP , 0 , then ENTER to calculate the TAN of a 45 degree angle. |
| F(INV) + D(tan) | calculate an inverse TAN |
| Q(log) | calculate logarithms |
| W(10 ^x) | calculate 10 to the <i>x</i> th power |
| E(ln) | calculate natural logarithms |
| P(π) | inputs the numerical value of π into an equation |
| B(n!) | calculate the factorial of <i>n</i> |
| V(exp) | calculate the constant <i>e</i> raised to the specified power. <i>e</i> is the base of the natural logarithm. |

Calculator Memory

Try the following equation to practice using the calculator memory: (32 x 12) - (8 x 8) = 320

- Press **CLEAR** or **AC** to clear the calculator, if necessary.
- Press **K(MC)** to clear the calculator memory, if necessary.
- Press **32**, press **I(x)**, type **12** and then press **ENTER**.
- Press **G(M+)** to add the result to memory. m indicates a number is stored in memory.
- Press **CLEAR** or **AC**.
- Type **8**, press **I(x)**, type **8** and then press **ENTER**.
- Press **H(M-)** to subtract the result from the number stored in memory.
- Press **CLEAR** or **AC**.
- Press **J(MR)** to retrieve the number from memory.

6.7 Metric Converter

- Press **MENU** and then press **TOOLS**.
- Press **▼** to select *Metric Converter* and then press **ENTER**.
- Press **▼** or **▲** to select a conversion category.
- Press **▼** or **▲** to select a unit of measure.
- Type a number.

As you type, the other units display their converted values. To type a decimal, press **T(.)**. Use **BACK** to delete a number.

- Press **CLEAR** or **NEW** to reset all values and perform another conversion.

6.8 Currency Converter

- Press **MENU** and then press **TOOLS**.
- Press **▼** to select *Currency Converter* and then press **ENTER**.
- Press **▼** or **▲** to select a currency.
- Type the amount you have in the highlighted currency. The amount you type is automatically converted to the listed currencies according to the saved exchange rates.
- Press **NEW** or **CLEAR** to clear a conversion.

Adjusting Exchange Rates

- Press **SETUP**.
- Press **▼** or **▲** to select an exchange rate you want to change. Each exchange rate is based upon the equivalent to 1 US Dollar.
- Press **CLEAR** to clear the selected rate.
- Enter a new exchange rate.
- Adjust as many rates as you want.
- Press **SAVE**. Press **CLOSE** to exit without saving your changes. Press **DEFAULT** to reset all exchange rates to their default values.

6.9 Changing the Settings

When using this device, you can activate the *Learn a Word* feature, adjust the screen contrast, the shutoff time, and the type size. You can also set up the time, date and cities displayed in the clock.

- Press **MENU**.
- Press **TOOLS**. You can also press ◀ or ▶ until you reach the Tools menu.
- Settings will be highlighted. Press ENTER to select it.**
- Press **▲** or **▼** to move ► to *Shutoff*, *Contrast*, *Type Size*, *Learn a Word* or *Time Setup*. *Shutoff* determines how long your product stays on if no key is pressed. *Contrast* determines how dark or light the screen is. *Type Size* determines how large or small the text is in the device. *Learn a Word* determines whether or not you see a word every time you turn on your device. *Time Setup* establishes the time, date and city settings for the clock.
 - Note:** To reset your device to its default settings, press **FN** and then press **CLEAR**. The Organizer password is not erased.
- Press **◀** or **▶** to change the setting. Your changes are automatically saved.
 - Note:** At *Time Setup*, pressing ► opens a secondary menu of options. Please see "Setting the Time and Date" for more information.
- Press **ENTER** when done. Press **CLEAR** or **CLOSE** to return to the Tools menu.

Learn a New Word

Your dictionary comes with a *Learn a Word* feature to help you increase your vocabulary. Each time you turn your dictionary on, you can see a random headword.

6.10 Setting the Time and Date

When ► is at *Time Setup*, press ► to open a sub-menu of options for setting up the clock.

- Press **MENU**.
- Press **TOOLS**.
- Settings is highlighted. Press ENTER to select it.**
- Press **▼** to move ► to *Time Setup* and then press **ENTER**.
- Press **▼** or **▲** to move ► to *Date*, *Time*, *Home City*, *World City*, *Home City DST*, *World City DST*, or *Time Format*. *Date* sets the date for your home city. *Time* sets the time for your home city. *Home City* allows you to select the major city or region closest to your home. *World City* allows you to select a world city or region that you want to monitor. *Home City DST* sets daylight saving time (DST) for your home city on or off. *World City DST* sets daylight saving time (DST) for your world city on or off. *Time Format* determines whether you use a 12- or 24-hour clock.
- Press **◀** or **▶** to open a pop-up box. For *Date* and *Time*, press ► or ◀ to move between the fields. Press **▼** or **▲** to change them.

For *Home City* and *World City*, press **▼** or **▲** to highlight a city. You can also type a letter

to go directly to that part of the list.

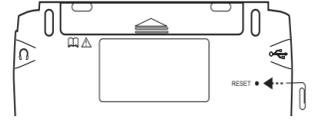
For *Home City DST*, *World City DST* and *Time Format*, pressing ► or ◀ changes and saves the setting.

- Press **ENTER** to save the setting. Press **BACK** to exit without saving.
- Press **CLOSE** when done.

7. Resetting Your Product

If the keyboard fails to respond, or if the screen performs erratically, perform a system reset by following the steps below.

- Hold CLEAR and press** . If nothing happens, try Step 2.
- Use a paper clip to gently press the reset button on your unit.** The reset button is recessed in a pin-sized hole on the back of your device.



Warning! Pressing the reset button with more than light pressure may permanently disable your product. In addition, resetting the product erases settings and information entered in its built-in books.

8. PC Connections

8.1 Connecting Your Device

Your device has a built-in USB port. When looking at the keyboard, the USB port is on the left side of your device.

- Turn on your device.**
- Connect the wide end of a USB cable to a USB port on your PC and the smaller end to the USB port on your device.** You see a "Franklin connects" icon on the screen of your device when it is properly connected to your PC. The keyboard on your device is now disabled. The first time you plug your device into your PC, software drivers must install. This happens automatically. When the drivers are installed your PC will let you know that your device is ready to use. A window may also be opened displaying the available folders on your device. If you need to find it, look for a drive labeled "Removable Disk".

8.2 Copying Files to Your Device

Your device is not limited to the books it comes with. You can transfer personal dictionaries. You can also save copies of your data to another location on your PC to backup important information.

Try copying a personal dictionary to your device.

- Make sure your device is connected to your PC.** See "Connecting Your Device" for more information.
- On your PC, use Windows Explorer to find the drive labelled "Removable Disk" and double-click it to open it.**
- Double-click "PersonalDict" to open that folder.**
- Navigate on your PC to where you store .csv files.**

Or you can create a custom dictionary using a spreadsheet or database application. **Note:** Custom dictionaries should be created with the following structure:

word-1	definition for word-1
word-2	definition for word-2
...	...

Important: When you save the file, please be sure to select "CSV (comma delimited) (*.csv)" format.

The file name you give the file is exactly how it will display on your device.

- Right-click the .csv file you want to copy to your device and then click "Copy" from the pop-up menu.**
- Right-click in the "PersonalDict" window and then click "Paste" from the pop-up menu.**
- Repeat steps 4 through 6 to copy additional files to your device.**
- Close the open folders.**
- Unplug the USB cable from your PC and the device.**
- Press MENU and then press LEARN.**
- Press ▼ to highlight *Personal Dictionary* and then press ENTER.**

8.3 About Your Device Folders

When you access your device on your PC, an assortment of folders are available to you depending on which features you have used. Remember, "PersonalDict" is always the location to save any .csv formatted personal dictionaries so they appear on your device.

Any other available folders will contain the saved material from *My Vocabulary List*, the Phone book and other features.

8.4 Backing Up Your Data

Because you have access to the folders in which any information you enter is saved, you can backup this important information on your PC. While your device is connected to your PC, right-click any or all of those folders and then click "Copy". Find a location on your PC where you want to save this information, right-click in that window and then click "Paste" to save the information.

8.5 Restoring Your Data

If you accidentally erase information or it is lost while replacing the batteries, you can restore any important information you have previously saved to your PC. Connect your device to your PC. Next, find the location on your PC where you saved a backup copy of your information. Right-click on those files or folders and click "Copy". Click the window containing your device's folders, right-click and then click "Paste" from the pop-up menu. You can then re-access your previously saved information.

9. Additional Information

9.1 Specifications

Model SCD-2110: *Speaking Merriam-Webster's Collegiate® Dictionary, 11th Edition*
Batteries: two AAA
Size: 102 x 76 x 19.5 mm (4 x 3 x 0.8 in)
Weight: 155 g (5.5 oz)
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ISBN 978-1-59074-676-9



9.2 Recycling and Disposal

Device Disposal

 This device should be disposed through your local electronic product recycling system – do not throw into the trash bin.

Packaging Disposal

Please save this User's Guide and all packing materials, as they contain important information. In case of disposal, please refer to your local recycling system.

Battery Disposal

 Do not dispose of batteries with normal household waste. Please obey your local regulations when disposing of used batteries.

This unit may change operating modes, lose information stored in memory, or fail to respond due to electrostatic discharge or electrical fast transients. Normal operation of this unit may be re-established by pressing the reset key, by pressing  or by removing and replacing the batteries.
--

9.3 License Agreement

READ THIS LICENSE AGREEMENT BEFORE USING THE PRODUCT. YOUR USE OF THE PRODUCT DEEMS THAT YOU ACCEPT THE TERMS OF THIS LICENSE. IF YOU DO NOT AGREE WITH THESE TERMS, YOU MAY RETURN THIS PACKAGE WITH PURCHASE RECEIPT TO THE DEALER FROM WHICH YOU PURCHASED THE PRODUCT AND YOUR PURCHASE PRICE WILL BE REFUNDED. PRODUCT means the software product and documentation found in this package and FRANKLIN means Franklin Electronic Publishers, Inc.

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9.4 FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
–Reorient or relocate the receiving antenna.
–Increase the separation between the equipment and receiver.
–Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

–Consult the dealer or an experienced radio/TV technician for help.

NOTE: This unit was tested with shielded cables on the peripheral devices. Shielded cables must be used with the unit to insure compliance.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

9.5 Product Care

Your device is designed to be light, compact and durable. However, it is an electronic device and must be treated carefully. Putting unnecessary pressure on it or striking the device against other objects can cause damage.

In order to avoid damage to your device, please:

- Keep the lid closed when you are not using it. This will protect the screen from being broken, scratched or marred in any way.
- Do not drop, crush, bend, or apply excessive force to the device.
- Do not expose your device to moisture, extreme or prolonged heat, cold, humidity, or other adverse conditions. Avoid storing it in damp, humid or wet places. It is not waterproof.
- Clean the device by spraying a mild glass cleaner onto a cloth and wipe its surface. Do not spray liquids directly on your device.
- Should the device's display glass break, properly dispose of the product avoiding contact with your skin, then wash your hands immediately.
- Please keep screen protectors and plastic bags away from babies and children to avoid danger of suffocation.

10. Warranty Information