



ENGLISH-CHINESE DICTIONARY AM-99™

User Guide

BBK ENGLISH-CHINESE DICTIONARY User Guide

OPPO Digital, Inc. owns copyrights in a wide range of works of authorship, including software, web content, product packaging, product and training documentation, and marketing collateral. Other than as allowed by law, no part of this document or any other copyrighted material owned by BBK Electronics USA. may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or information storage or retrieval systems, for any purpose, without the express written permission of BBK Electronics USA.

The hardware, software and database described in this document are furnished under a license agreement or nondisclosure agreement. It is against the law to copy the software onto any medium except as specifically allowed in the license.

Information in this *User Guide* is believed to be correct at the time of printing, but is subject to change without notice. Contents of this guide are provided “as is.”

Except as required by law, no warranties of any kind, express or implied, including, but not limited to, implied warranties of merchantability and fitness for a particular purpose, are made in relation to accuracy, reliability, or contents of this guide.

Under no circumstances shall BBK Electronics USA be responsible for any loss of data or income or any special, incidental, and consequential or indirect damages howsoever caused.

CAUTION: Changes or modifications of the BBK ENGLISH-CHINESE DICTIONARY AM-99™ will void all warranties, and the user’s authorization to use this device.

Contents

Welcome	1
Features	1
About This Guide	1
Getting Started	2
What's Included?	2
Installing the Battery	2
Opening and Closing the Dictionary	2
Turning the Dictionary On and Off	3
Using Keys and Menus	3
Menu Buttons	3
Number/Function Keys (white)	3
Letter/Symbol Keys (white)	3
Cursor Keys (purple)	4
Function Keys (purple)	4
Reset	4
Getting Help	4
Using the Dictionaries	5
Open a Dictionary	5
Find Entries	5
Browse entries	5
Find specific entries	5
Bookmark Entries	6
Navigate Entries	6
Basic Dictionary	7
Hear Pronunciation	7
Switch Dictionaries	7
Extended Dictionary	8
Navigate Entries	8
Hear Pronunciation	8
Define Words in Definition	8
Switch Dictionaries	8
Supplemental Information	9
Chinese-English Dictionary	10
Find Entries	10
Pinyin	10
Chinese	10
Hear Pronunciation	10

Define an Entry's Characters and Words	11
Grouped Vocabulary	12
Find Entries	12
Hear Pronunciation	12
Return to a Previous Group	12
Conversational Dictionary	13
Find Entries	13
Browse	13
Search.....	13
Navigate Entries	13
Hear Pronunciation	13
Return to a Previous Group	14
Specialty Dictionaries	15
Navigate Entries	15
Hear Pronunciation	15
Switch Dictionaries	15
Chinese Idiom Dictionary	16
Find Entries	16
Hear Pronunciation	16
Define an Entry's Characters and Words	17
English Idiom Dictionary	18
Hear Pronunciation	18
Define an Entry's Characters and Words	18
Travel Features	19
Calendar	19
Time	19
Clock	19
Alarm.....	21
Stop Watch.....	20
World Clock.....	21
Timer	19
Calculator	21
Simple (Calculator).....	21
Science (Calculator).....	22
Unit (Converter).....	22
Cur(rency) Con(verter)	22
Info (Travel)	23
Game.....	23
Settings	24
Contrast.....	24

Password.....	24
Auto off	25
Sound	25
Volume	25
Speed	25
Fragment	25
Language	25
Troubleshooting	26

Welcome

Congratulations on purchasing your BBK AM-99 English-Chinese Dictionary. Whether tourist, businessman, or student, the AM-99 is an indispensable tool for communicating in Chinese.

Features

The pocket-sized AM-99 includes a reference library of useful tools:

- English-Chinese and Chinese-English bi-directional dictionaries.
- Conversational and Idiom Dictionaries.
- Specialty Dictionaries for Biology, Computers, Business, and both Western and Chinese Medicine.
- Both Pinyin and phonetic spelling of Chinese translations.
- Both English and Mandarin Chinese audio pronunciation.
- Supplemental word information includes examples and illustrations, related phrases, usage, and antonyms.
- Find entries alphabetically, by category or context, or by full-text search using English, Pinyin, or Chinese characters.
- Bookmark frequently accessed entries.
- Retain recently accessed entries for review.
- Travel functions include Calendar, World Clock with Alarm, Stop Watch and Timer, Calculator with both Unit and Currency Converters, Notes on historical and other sites, as well as local customs, and two Games
- Study features include Shengmu and Yunmu Pinyin tables, and other tools.

About This Guide

Read *Getting Started*, and the overview chapter, *Using the Dictionaries*, for general information about how to use your AM-99 Dictionary. Specific dictionaries are then described in their own chapters.

Use *Troubleshooting* to find solutions to common problems.

This guide uses the following typographical conventions:

- **Boldfaced** words and phrases represent items that may be selected or pressed such as screen controls, buttons, and keys, and occasionally, strongly emphasized words.
- *Italicized* words and phrases represent non-interactive items such as the names of screen dialogs, or chapters in this guide, and occasionally, emphasized words.
- ***Boldfaced italicized*** words represent **Hot Menu** buttons.

Getting Started

Read this section to get started quickly.

What's Included?

Your Dictionary includes:

- AM-99 English-Chinese Dictionary
- 1.5V Alkaline AAA Battery
- Earbuds
- Carrying Case
- *User Guide*
- *Everyday Conversational Chinese* booklet

If any of these items are missing, contact your reseller immediately.

Installing the Battery

On the back of the Dictionary:

1. Move the lock switch to **UNLOCK**.
2. Push the battery cover open.
3. Insert a 1.5V alkaline AAA battery. (The Dictionary beeps when the battery is correctly in place.)
4. Replace the battery cover.
5. Move the lock switch to **LOCK**.

NOTE: The next time you start the Dictionary, the *Clear ram?* dialog will display. Press **N** to keep all your data. The Dictionary will then start normally. From the *Main Menu*, choose **Time > Clock** to set the current date and time.

Opening and Closing the Dictionary

To open the Dictionary:

1. At the front, press and hold the black clasp.
2. Lift the lid.

To close the Dictionary:

3. Close the lid until it clicks into the black clasp.

NOTE: If you do not turn-off the Dictionary before closing the lid, it will turn itself off in the number of minutes set in **Settings > Auto off**.

Turning the Dictionary On and Off

To turn-on the Dictionary, press the red **Power** button. The *Main Menu* displays.

- To return to the *Main Menu* at any time, press the **Menu** key.
- If the battery was just installed, the *Clear ram?* dialog will display. Press **N** to keep all your data. The Dictionary will then start normally. From the *Main Menu*, choose **Time > Clock** to set the current date and time.

You can also turn-on the Dictionary with the green **Hot Menu** buttons.

To turn-off the Dictionary, press the red **Power** button.

NOTE: When idle, the Dictionary will turn itself off in the number of minutes set in **Settings > Auto off**.

Using Keys and Menus

The Dictionary's keyboard functions like a standard computer keyboard, with similar functions being same-colored, and grouped together.

Menu Buttons

- **Power** (red): turns Dictionary on and off.
- **Hot Menu** (green): turns Dictionary on, opening specific dictionaries:
 - **BASIC**: Basic English-Chinese Dictionary.
 - **E->C**: Extended English-Chinese Dictionary.
 - **C->E**: Chinese-English Dictionary.
 - **VCBL**: English-Chinese Grouped Vocabulary.
 - **CONV**: English-Chinese Conversational Dictionary.
- **Audio** (pink): plays audio of selected character, word, or phrase
 - **EN**: English
 - **CH**: Chinese

Number/Function Keys (white)

- Select menu items.
- Select supplemental information when marked alongside the LCD screen.
- Refresh highlight link to reverse dictionaries (**9/Link**).
- Select Chinese characters when marked below the LCD screen.
- Input numbers.

Letter/Symbol Keys (white)

- Input letters (English or Pinyin).

- Input symbols.
- Operate calculators.

Cursor Keys (purple)

- **Page-Up** and **Page-Down**:
 - Select *Main Menu* modules.
 - Cycle between multiple definitions.
 - Scroll through Chinese character lists.
- **Arrow Keys**:
 - Highlight menu items.
 - Highlight entry characters and words.
 - Select Bookmarks and History.

Function Keys (purple)

- **Input/Caps**: Toggle input between Pinyin and Chinese Character, or lower- and uppercase letters.
- **Symb/Shift**: Enter symbols associated with letter keys.
- **Help**: Display context-sensitive help.
- **Menu**: Return to *Main Menu*.
- **Insert**: Add Bookmarks.
- **LANG**: Cycle screen between English, Simplified Chinese, and Traditional Chinese.
- **Del**: Delete the rightmost character.
- **Esc**: Return to previous screen.
- **Enter**: Select highlighted item.

Reset

Resets Dictionary to factory defaults.

Getting Help

There are several ways to get help using your AM-99 Dictionary:

- Press **Help**.
- Read this *User Guide*.
- Go to http://www.bbkusa.com/am99_support.html

Using the Dictionaries

Dictionaries share many features and procedures. Differences in specific dictionaries are described in their own chapters.

Open a Dictionary

The green **Hot Menu** buttons open the most commonly used dictionaries. The Specialty and Idiom dictionaries open from the *Main Menu*.

This	Opens
BASIC	Basic English-Chinese Dictionary
E->C	Extended English-Chinese Dictionary
C->E	Chinese-English Dictionary
VCBL	Grouped Vocabulary
CONV	Conversational Dictionary
Dict > [<i>Specialty Dictionary</i>], Enter	Specialty Dictionary
Dict > CH Idiom, Enter	Chinese Idiom Dictionary
Dict > EN Idiom, Enter	English Idiom Dictionary

Find Entries

With exception of the Grouped Vocabulary and Conversational dictionaries, a dictionary's home screen offers two choices:

- **Right-arrow** (*Vocab*) lists any bookmarked entries.
- **Left-arrow** (*Review*) lists most-recently viewed entries.

For the English-Chinese, Specialty, and Idiom dictionaries, press any letter key to go to that section of the dictionary.

Browse entries

1. Use **Cursor Keys** to highlight an entry.
2. Press **Enter**.

Find specific entries

1. Continue pressing keys to spell the desired word or phrase.
 - Press **Space/Exp** to enter spaces.
 - Press **Del** to delete the rightmost character.
2. When the desired entry is highlighted, press **Enter**.

Bookmark Entries

With the English or Chinese entry selected, press **Insert**. A message confirms saving the bookmark.

Navigate Entries

Use **Arrow Keys** to select parts of an entry. When you select a Chinese character, its phonetic spelling displays in a small pop-up.

Basic Dictionary

The Basic English-Chinese Dictionary lists English words and phrases with their most common Chinese translations. For definitions, switch to the Extended English-Chinese or Chinese-English dictionaries.

Hear Pronunciation

- To hear the English entry pronounced in Chinese, select it, and then press **CH**.
- To hear a Chinese character pronounced, move cursor to highlight it, and then press **CH**.
- To stop pronunciation before it finishes, press **Esc**.

Switch Dictionaries

To switch to the Extended English-Chinese Dictionary:

1. Select the English entry.
2. Press **Enter**.
3. Select **Eng->Chi**.
4. Press **Enter**.

To switch to the Chinese-English or Idiom Dictionary for a Chinese character:

1. Select a Chinese character.
2. Press **Enter**.
3. Select either **Com C/E** (Chinese-English Dictionary) or **Idiom** (Chinese Idiom Dictionary).
4. Press **Enter**.

Extended Dictionary

The Extended English-Chinese Dictionary lists English words and phrases with their definitions, and Chinese translations. For Chinese definitions, switch to the Chinese-English dictionaries.

Navigate Entries

If there is more than one definition, cycle through them in one of these ways:

- Press **1** (**Definition**), repeatedly.
- Press **Page Down** or **Page Up**.

Hear Pronunciation

- To hear the English entry pronounced in English, select it, and then press **EN**.
- To hear the English entry pronounced in Chinese, move cursor to highlight it, and then press **CH**.
- To hear a Chinese character pronounced, select it, and then press **CH**.
- To stop pronunciation before it finishes, press **Esc**.

Define Words in Definition

To define English words used in a definition:

1. Use **Cursor Keys** to select a word.
2. Press **Enter**.
3. If the word exists in both the Basic and Extended Dictionaries, select either **Eng->Chi** (Extended Dictionary) or **Basic E** (Basic Dictionary).
4. Press **Enter**.
5. To continue defining words, press **Link** to restore highlighting.

Switch Dictionaries

To switch to the Chinese-English or Idiom Dictionary for a Chinese character:

1. Use **Cursor Keys** to select the Chinese character.
2. Press **Enter**.
3. Select either **Com C/E** (Chinese-English Dictionary) or **Idiom** (Chinese Idiom Dictionary).
4. Press **Enter**.
5. To continue defining characters, press **Link** to restore highlighting.

Supplemental Information

Entries may include supplementary information. If they do, markers display to the left of the appropriate **Related Words Indicator**. Press the corresponding **Number/Function** button to display that information:

- **1** (*Definition*)
- **2** (*Example*)
- **3** (*Illustration*)
- **4** (*Phrase*)
- **5** (*Usage*)
- **6** (*Pattern*)
- **8** (*Antonym*)

Chinese-English Dictionary

The Chinese-English Dictionary lists Chinese words and phrases with their English translations.

Find Entries

From the home screen, use either Pinyin or Chinese characters to go to that section of the dictionary.

Pinyin

1. Press **Input** until the label reads [拼音]: (pinyin).
2. Press letter keys to spell a Chinese sound.
 - The bottom row of Chinese characters lists variations of that sound.
 - Press **Del** to delete the rightmost character.
3. Press the **Number/Function** key corresponding to the desired Chinese character in the bottom row.
 - Use **Arrow Keys** to browse through the list of Chinese words beginning with the selected character.
 - Use the **Number/Function** keys to add additional characters. (Use **Page-Down** and **Page-Up** to display more characters.)
4. Press **Enter** to display the highlighted entry.

Chinese Character

1. Press **Input** until the label reads [部首]: (bushou).
2. Press the **Number/Function** key for the desired Chinese group (1 – 12).
3. Press **Enter** to display that group.
4. Press the **Number/Function** key corresponding to the desired group member.
5. Press **Enter** to display corresponding characters.
6. Press the **Number/Function** key corresponding to the desired character.
 - Use **Arrow Keys** to browse through the list of Chinese words beginning with the selected character.
 - Repeat the process to add characters.
7. Press **Enter** to display the highlighted entry.

Hear Pronunciation

- To hear the Chinese entry pronounced in Chinese, press the pink **CH** button.
- To stop pronunciation before it finishes, press **Esc**.

Define an Entry's Characters and Words

To define Chinese characters and English words in an entry:

1. Select the character or word.
2. Press **Enter**.
 - For Chinese characters, select either **Com C/E** (Chinese-English Dictionary) or **Idiom** (Chinese Idiom Dictionary).
 - For English words, select either **Eng->Chi** (English-Chinese Dictionary) or **Basic E** (Basic Dictionary).
3. Press **Enter**.
4. To continue defining characters or words, press **Link** to restore highlighting.

Grouped Vocabulary

The English-Chinese Grouped Vocabulary lists English words and phrases by category, with their most common Chinese translations. For definitions, use the Extended English-Chinese or Chinese-English dictionaries.

Find Entries

1. Use **Cursor Keys** to highlight a group, then press **Enter**.
2. Continue choosing sub-groups until an entry displays.
 - If the screen's bottom right shows a right-arrow, press **Right-arrow** for the next entry.
 - If the screen's bottom left shows a left-arrow, press **Left-arrow** key for the previous entry.

Hear Pronunciation

- To hear the English entry pronounced, press **EN**.
- To hear the Chinese translation, press **CH**.
- To stop pronunciation before it finishes, press **Esc**.

Return to a Previous Group

Press **Esc** repeatedly until that group displays.

Conversational Dictionary

The English-Chinese Conversational Dictionary lists commonly-used English sentences, with corresponding Chinese translations. For definitions, use the Extended English-Chinese or Chinese-English dictionaries.

Find Entries

From the home screen, use **Arrow Keys** to select either **Browse** or **Search**, then press **Enter**.

Browse

In the Browse section, English phrases are first grouped into two categories:

- **Functional Expressions** such as Greeting, Introduction, and Suggestion.
- **Situational Expressions** such as On Campus, At the Restaurant, and At the Hotel.

1. Use **Cursor Keys** to highlight a group, then press **Enter**.

If you cannot see the entire title, press **Right-arrow** to scroll horizontally.

2. Continue choosing sub-groups until an entry displays.

Search

In the Search section, find phrases containing specific English words.

- Press letter keys to spell the search word or phrase.
 - Press the **Space/Exp** key to enter spaces.
 - Press **Del** to delete the rightmost character.
- Press **Enter** to list phrases containing your search word(s).
- Use **Cursor Keys** to highlight a phrase.
- Press **Enter**.

Navigate Entries

- If the screen's bottom right shows a right-arrow, press **Right-arrow** for the next entry.
- If the screen's bottom left shows a left-arrow, press **Left-arrow** key for the previous entry.

Hear Pronunciation

- To hear the Chinese translation, press **CH**.
- To stop pronunciation before it finishes, press **Esc**.

Return to a Previous Group

Press **Esc** repeatedly until that group displays.

Specialty Dictionaries

There are five Specialty dictionaries:

- Biology
- Computer
- Business
- Chinese Medicine (CN Medicin)
- Medicine

Each Specialty Dictionary lists English words used in that subject, with their most common Chinese translations. For definitions, switch to the Extended English-Chinese or Chinese-English dictionaries.

Navigate Entries

Use **Arrow Keys** to select parts of an entry. When you select a Chinese character, its phonetic spelling displays in a small pop-up.

Hear Pronunciation

- To hear a Chinese character pronounced, select it, then press **CH**.
- To stop pronunciation before it finishes, press **Esc**.

Switch Dictionaries

To switch to the Extended English-Chinese Dictionary:

1. Select the English entry.
2. Press **Enter**.
3. Select **Eng->Chi**.
4. Press **Enter**.

To switch to the Chinese-English or Idiom Dictionary for a Chinese character:

1. Select the Chinese character.
2. Press **Enter**.
3. Select either **Com C/E** (Chinese-English Dictionary) or **Idiom** (Chinese Idiom Dictionary).
4. Press **Enter**.
5. To continue defining characters, press **Link** to restore highlighting.

Chinese Idiom Dictionary

The Chinese Idiom Dictionary lists Chinese idioms with their English translations.

Find Entries

From the home screen, use either Pinyin or Chinese characters to enter the idiom's first Chinese character.

Pinyin

1. Press **Input** until the label reads [拼音]: (pinyin).
2. Press letter keys to spell a Chinese sound.
 - The bottom row of Chinese characters lists variations of that sound.
 - Press **Del** to delete the rightmost character.
3. Press the **Number/Function** key corresponding to the desired Chinese character in the bottom row.
 - Use **Arrow Keys** to browse through the list of Chinese words beginning with the selected character.
 - Use the **Number/Function** keys to add additional characters. (Use **Page-Down** and **Page-Up** to display more characters.)
4. Press **Enter** to display the highlighted entry.

Chinese Character

1. Press **Input** until the label reads [部首]: (bushou).
2. Press the **Number/Function** key for the desired Chinese group (1 – 12).
3. Press **Enter** to display that group.
4. Press the **Number/Function** key corresponding to the desired group member.
5. Press **Enter** to display corresponding characters.
6. Press the **Number/Function** key corresponding to the desired character.
 - Use **Arrow Keys** to browse through the list of Chinese words beginning with the selected character.
 - Repeat the process to add characters.
7. Press **Enter** to display the highlighted entry.

Hear Pronunciation

- To hear a Chinese character pronounced in Chinese, press **CH**.
- To stop pronunciation before it finishes, press **Esc**.

Define an Entry's Characters and Words

To define Chinese characters or English words in an entry:

1. Select the character or word.
2. Press **Enter**.
 - For Chinese characters, select either **Com C/E** (Chinese-English Dictionary) or **Idiom** (Chinese Idiom Dictionary).
 - For English words, select either **Eng->Chi** (English-Chinese Dictionary) or **Basic E** (Basic Dictionary).
3. Press **Enter**.

English Idiom Dictionary

The English Idiom Dictionary lists English idioms with their Chinese translations.

Hear Pronunciation

- To hear the English idiom pronounced in Chinese, press **CH**.
- To hear a Chinese character pronounced in Chinese, move cursor to highlight it, and then press **CH**.
- To stop pronunciation before it finishes, press **Esc**.

Define an Entry's Characters and Words

To define Chinese characters and English words in an entry:

1. Select the character or word.
2. Press **Enter**.
 - For Chinese characters, select either **Com C/E** (Chinese-English Dictionary) or **Idiom** (Chinese Idiom Dictionary).
 - For English words, select either **Eng->Chi** (English-Chinese Dictionary) or **Basic E** (Basic Dictionary).
3. Press **Enter**.

Travel Features

The AM-99's travel features include a calendar, time functions, calculators and converters, travel information about China, and two games.

From the *Home Menu*, use **Page-Down** or **Page-Up** to highlight the desired module.

Calendar

With the **Calendar** item highlighted, press **Enter**.

The Calendar shows the currently set date and time, with the current day highlighted. It also displays Chinese and Western astrological signs for the current year and month.

NOTE: To set the current date and time, choose **Time > Clock**.

- **Left-** or **Right-arrow** moves between days.
- **Down-** or **Up-arrow** moves between months.
- **Page-Down** or **Page-Up** moves between years.

Time

Use **Down-** and **Up-arrow** to highlight an item, then press **Enter**.

Clock

Set the current date in yyyy/mm/dd format, and time in hh:mm:ss format, using either a 12- or 24-hour clock.

- **Up-** or **Down-arrow** cycles between date, time, and clock format.
- **Left-** or **Right-arrow** moves between parts of date or time.
- **Page-Down** or **Page-Up** cycles between possible values.

Press **Esc** to exit without saving changes.

Press **Enter** to exit, accepting all changes.

Alarm

Set up to five alarms to sound any day of the week.

From the Alarm home screen:

Set Alarm times

1. Use **Down-** or **Up-arrow** to highlight **Alarm clock setting**, then press **Enter**.
 - Use **Down-** or **Up-arrow** to select alarms (**Alarm1** – **Alarm5**).
 - Use **Right-** or **Left-arrow** to highlight each alarm's status (**cl** or **op**), hour, or minute.

2. With status highlighted, use **Page-Up** or **Page-down** to toggle alarm **Off** (**cl** = Closed) or **On** (**op** = Open).
3. With hour highlighted, use **Page-Up** or **Page-down** to set alarm hour in 24-hour format (0 – 23).
4. With minute highlighted, use **Page-Up** or **Page-down** to set alarm minute (0 – 59).
5. Press **Enter**.
6. At the *Save Settings?* dialog, press **Y** to save alarm status and times.

Set Alarm Ring Tones

1. Use **Down-** or **Up-arrow** to highlight **Ringing tone**, then press **Enter**.
2. Use **Arrow Keys** to select a tone (**Ring 1 – Ring12**).
3. Press **Enter**.
4. At the *Save Settings?* dialog, press **Y** to save the alarm ring tone.

Set Alarm Days

1. Use **Down-** or **Up-arrow** to highlight **Week setting**, then press **Enter**.
 - Use **Down-** or **Up-arrow** to select days (**Mon. – Sun.**).
 - Use **Right-** or **Left-arrow** to highlight each day's alarm status (**cl** or **op**), or ring type (**normal** or **enhance**).
2. With status highlighted, use **Page-Up** or **Page-down** to toggle alarm day **Off** (**cl** = Closed) or **On** (**op** = Open).
3. With ring type highlighted, use **Page-Up** or **Page-down** to toggle alarm ring as **normal** (short) or **enhance** (endless).
4. Press **Enter**.
5. At the *Save Settings?* dialog, press **Y** to save alarm days.

At the set times and days, alarms will sound with the designated ring tone, even if the Dictionary is turned off.

To dismiss an alarm, press **Enter**.

Stop Watch

Use **Down-** or **Up-arrow** to select **timing** or **countdown**.

Timing

- Press **Enter** to start, stop, or restart timing.
- Press **Esc** to exit Stop Watch, stop and reset timing.

Countdown

6. Press **Enter** to select hours.

7. Use **Page-Down** or **Page-up** to set hours (0 – 24).
 - Press **Right-** or **Left-arrow** keys to move to minutes or seconds.
 - Use **Page-Down** or **Page-up** to set minutes or seconds.
8. Press **Enter** to start, stop or restart countdown.
Press **Esc** to exit Stop Watch, stop and reset countdown.

World Clock

View current date and time in another city.

1. Use **Cursor Keys** to highlight desired city.
2. Press **Enter**.

NOTE: World Clock times are in 24-hour clock format.

Timer

Timer is a date timer that displays a user-defined note on a future date.

1. Use **Down-** or **Up-arrow** to select **Date** or **Note**.
2. With **Date** selected, **Right-** or **Left-arrow** highlights year, month, and day.
 - When highlighted, use **Page-Up** or **Page-Down** to set year, month, or day.
3. With **Note** selected, enter up to nine characters.
 - Toggle **Input/Caps** to enter upper- or lowercase letters.
 - Toggle **Symb** to cycle Number/Function keys between numbers, Chinese characters, and symbols.
 - Use **Page-down** or **Page-Up** to cycle through character or symbol lists.
 - Use **Number/Function** key to enter numbers, or select corresponding character or symbol.
4. When finished, press **Enter**.
5. At the *Save?* dialog, press **Y** to save date and note.
 - At the *Set Alarm?* dialog, press **Y** to set an alarm on this date.

When the Dictionary starts on the date set, the note entered for that date displays for a few seconds.

Calculator

Use **Down-** and **Up-arrow** to highlight an item, then press **Enter**.

Simple (Calculator)

1. Use **Number/Function** keys to enter the first number.
 - Press **T** to insert a decimal point.

2. Press **Y**, **U**, **I**, or **O** to enter the operand for addition, subtraction, multiplication, or division.

NOTE: Most of the other operands do not function with the Simple Calculator. **C**, **V**, **B** or **M** *cannot* be used to enter decimal points, or subtraction, division, or multiplication operands.

3. Use **Number/Function** keys to enter the second number.
4. Press **P** (equals) to display the result.

Science (Calculator)

1. Use **Number/Function** keys and corresponding letter keys to create mathematically valid expressions
 - Press **T** to insert decimal points.
 - Press **Z** or **Symb/Shift, Z** to insert opening or closing parentheses.

NOTE: **C**, **V**, **B** or **M** *cannot* be used to enter decimal points, or subtraction, division, or multiplication operands.

2. Press **P** to evaluate the expression.

Unit (Converter)

1. Use **Down-** or **Up-arrow** to select type of units (Length, Area, etc.), then press **Enter**.
 - Use **Right-** or **Left-arrow** to toggle unitary value between first and second unit.
 - Use **Down-** or **Up-arrow** to cycle through conversions to non-unitary unit.
2. Press **Esc** to return to *Unit Exchange* home screen.

Cur(rency) Con(verter)

From the *Exchange Rate* home screen:

Calculate Exchange

1. Use **Down-** or **Up-arrow** to highlight **Ex. Rate Count**, then press **Enter**.
2. Use **Right-** or **Left-arrow** to toggle unitary value between first and second currency.
3. Use **Down-** or **Up-arrow** to cycle through conversions for non-unitary currency.
4. Use **Number/Function** keys to enter exchange rate against the US Dollar.
 - Press **T** to insert a decimal point.
 - Press **Del** to delete the rightmost character.

5. Press **Enter** to calculate conversion.

Set Exchange Rates

1. Use **Down-** or **Up-arrow** to highlight **Ex. Rate Setting**, and then press **Enter**.
2. Use **Arrow** keys to highlight a currency exchange rate to change.
3. Use **Number/Function** keys to enter exchange rate against the US Dollar, and then press **Enter**
 - Press **T** to insert a decimal point.
 - Press **Del** to delete the rightmost character.
4. After done, press **Esc**.
5. At the “*Save It?*” dialog, press **Y** to save the new exchange rate.

Restore Default Rates

1. Use **Down-** or **Up-arrow** to highlight **Ex. Rate Restore**, and then press **Enter**.
2. At the “*Restore?*” dialog, press **Y** to restore default exchange rates.

Info (Travel)

1. From the **Info** module, use **Down-** or **Up-arrow** to highlight **Travel**, then press **Enter**.
2. Use **Down-** or **Up-arrow** to highlight **Historic Site**, **National Custom**, or **Landscape Site**, then press **Enter**.
3. Use **Cursor** keys to highlight an item, then press **Enter** to read about it.

Game

From the **Game** module, use **Down-** or **Up-arrow** to highlight **Tetris** or **Reversion**, and then press **Enter** to play the game.

Settings

The Settings module controls the Dictionary's appearance, and how it operates. From the *Main Menu*:

1. Use **Page-Down** or **Page-Up** to highlight **Settings**.
2. Use **Down-** or **Up-arrow** to highlight a menu item (below), then press **Enter**.

Contrast

To adjust the LCD screen contrast:

1. Use **Left-** or **Right-arrow** to decrease or increase contrast.
2. When finished, press **Enter**.

Password

NOTE: If you forget your password(s), you *cannot* use your Dictionary without calling Technical Support. Resetting the Dictionary, or removing its battery will not remove password protection.

By default, there are no passwords. To set a log-in or game password:

1. Use **Down-** or **Up-arrow** to toggle between **Log in PW** or **Game PW**.
2. Press **Enter**.
3. If a password already exists, enter the case-sensitive password.
 - The screen displays asterisks (*) to hide typed characters.
 - Press **Input/Caps** to toggle between lower and uppercase letters.
 - Press **Symb/Shift** to toggle between letters and their associated symbols.
4. Press **Enter**.
5. In the **Input** space, enter a password of up to 8 characters.
 - To clear an existing password, enter nothing.
 - Press **Esc** to cancel password change.
6. Press **Enter**.
7. In the **Check** space, re-enter new password

Unless you cleared a password, the next time you turn-on the Dictionary, or attempt to open the Game module, a log-in dialog displays.

1. Enter the case-sensitive password.
2. Press **Enter**.

Auto off

To set how long the Dictionary may be idle before turning itself off:

1. Use **Down-** or **Up-arrow** to toggle between **3**, **5**, or **10 Min**.
2. Press **Enter**.

Sound

To enable or disable music or keyboard sounds:

1. Use **Down-** or **Up-arrow** to toggle between **Music** and **KeySnd** (Keyboard Sound).
2. Use **Page-Down** or **Page-Up** to toggle between **OPEN** (on) and **CLOSED** (off).
3. Press **Enter**.

Volume

To set the volume for speech, music, alarms, and keyboard sounds:

1. Use **Down-** or **Up-arrow** to toggle between Speech/Music and Alarm/Keyboard.
2. Use **Left-** or **Right-arrow** to decrease or increase volume.
3. Press **Enter**.

NOTE: Setting Keyboard Volume to 0 is the same as setting KeySnd to CLOSED. Setting Keyboard Volume to any positive value is the same as setting KeySnd to OPEN.

Speed

To set speech playback speed:

1. Use **Left-** or **Right-arrow** to decrease or increase speech playback speed.
2. Press **Enter**.

Fragment

The Dictionary's data becomes naturally fragmented with use, slowing its response. To de-fragment these data, highlight **Fragment**, then press **Enter**.

Language

By default, English is the Dictionary's language for menus and dialogs. To change the default language:

1. Use **Down-** or **Up-arrow** to toggle between **English**, **SmlpCh** (Simplified Chinese), or **TradCh** (Traditional Chinese).
2. Press **Esc**.

Troubleshooting

Before contacting Technical Support, review the following for answers to your question.

Dictionary won't turn on.

Pressing the red **Power** key (or any of the green hot keys) should turn-on the Dictionary to the *Main Menu*. If it does not:

- Make certain a battery is installed. (See *Getting Started: Installing the Battery*.)
- If a battery is installed, exchange it for a new, fully-charged one.
- If the battery is fully-charged, use an unfolded paperclip to depress **Reset**.

LCD screen is dim (or dark).

By default, LCD screen contrast is set at 30 (50%). Adjust it by choosing **Settings > Contrast**. (See *Settings: Contrast*.)

Clear ram? dialog appears.

This dialog appears after installing or replacing the battery, or depressing Reset. Press **N** to keep all your data. If you press **Y**, you will lose the current date and time, all your bookmarks and entry history, alarm notes, and so on.

Menu is in Chinese.

By default, when the Dictionary starts, menus are in English. If this setting has been changed, reset it by choosing **Settings > Language**. (See *Settings: Auto off*.) You can also cycle menus through English, Simplified Chinese, and Traditional Chinese by pressing **LANG**. (See *Getting Started: Using Menus and Keys*.)

Pressing Right-arrow doesn't open dictionaries.

For the English-Chinese, and Chinese-English Dictionaries, pressing Right-arrow does *not* open the dictionary. It displays bookmarked entries. (See *Using Dictionaries: Bookmarks*.)

- For the English-Chinese dictionaries, press a letter key to go to that section of the Dictionary. (See *Basic Dictionary: Find Entries*.)
- For the Chinese-English Dictionary, press a letter or Number/Function key to select a Chinese character. (See *Chinese-English Dictionary: Find Entries*.)

Pronunciation can't be heard (or is too loud).

By default, pronunciation audio is set at 50%. Adjust it by choosing **Settings > Volume**. (See *Settings: Volume*.)

Pronunciation is too fast (or slow).

By default, pronunciation audio speed is set at 50%. Adjust it by choosing **Settings > Speed**. (See *Settings: Speed*.)

Pressing keys has no effect in the Chinese-English Dictionary.

Letters keys only function to enter Pinyin with Simplified Chinese characters. Number/Function keys only function to select Traditional Chinese characters. To toggle between these modes, press the **Input** key. (See *Chinese-English Dictionary: Find Entries.*)

Dictionary turns itself off.

By default, the Dictionary turns itself off when left idle for 3 min. To adjust this time, choose **Settings > Auto off**. (See *Settings: Auto off.*)

Alarm won't stop.

To dismiss an alarm, press **Enter**. To set an alarm to ring only for a short time, set its ring type to normal. (See *Travel Features: Time, Alarm, Set Alarm Days.*)

Forgot password.

If you forget your password(s), resetting the Dictionary, or removing its battery will not remove password protection. You *cannot* use your Dictionary without calling Technical Support:

(650) 961-1118