

# *TDG-590*

Speaking Language Professor

**User's Guide**

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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.

## **Introduction**

Thank you for your purchase of the *Speaking Language Professor*. With your device you can:

- find English, German and Greek translations;
- find English definitions;
- hear pronunciations of words and phrases;
- practice pronouncing words and phrases and record them for comparison;
- conjugate English and German verbs;
- inflect English and German nouns and adjectives;
- view English synonyms and antonyms;
- become more familiar with speaking English through role playing exercises and phonics;
- search for English, German, or Greek travel phrases;
- save up to 200 words to a "favorites" list;
- add words and definitions to a user dictionary;
- connect your device to a PC to back up or import user dictionaries;
- review a list of the last 200 words you have looked up;
- and play 6 fun and educational games;

In addition, you can use the calculator, view times of cities around the world, and convert currency and other units of measure. You can record your own pronunciations of words and phrases. You can also connect your device to a PC using the USB port and cable to power your device and save and import user dictionaries to your device.

## **Battery Precautions**

This product uses 2 AAA batteries.

- Different types of batteries or new and used batteries should not be mixed.
- 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.
- 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.

## **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.

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.

## Getting Started

Before you can use your device, you must install the batteries or plug it into a power source. Please see “Powering Your Device” below for your options.

The first time you turn on your device, you are prompted to select the language of menu items, prompts and other items. At the Menu Language screen, you can select between *English*, *Deutsch (German)* and *Český (Greek)*. Press ◀ or ▶ to highlight the one you want and then press .

## Powering Your Device

Your device comes with 2 AAA batteries to power your device. You can also use a USB cable (included) to supply power.

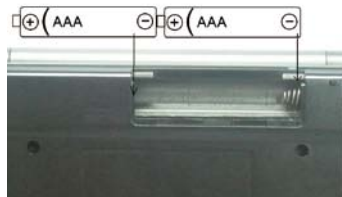
### **Installing or Replacing Your Batteries**

When the power is low, you see a “low battery” notice on the screen. When you see it, it is time to replace the batteries. Follow these easy instructions to install or replace the batteries. Please have the new batteries at hand before you remove the old ones.

1. Turn off your device.
2. Open the battery compartment on the back of your device by pushing in the direction of the arrow.
3. Remove the old batteries.
4. Install the new 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.





## Using a USB Cable

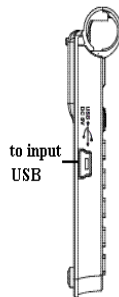
Your device has a built-in USB port and can be connected to a power source or desktop or laptop PC.

1. Turn off your device.
2. Connect the wide end of a USB cable to a USB port on your PC or plug it into a power source, depending on which type of cable you have.
3. Connect the smaller end of a USB cable to the USB port on your device. A prompt is displayed on your device asking if you want to enter USB mode.
4. Yes is highlighted. Press  to go to USB mode.

You see a “USB” connection 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”.

Or you can press  to highlight No and then press . This way you can use your device while it is powered through the USB cable.

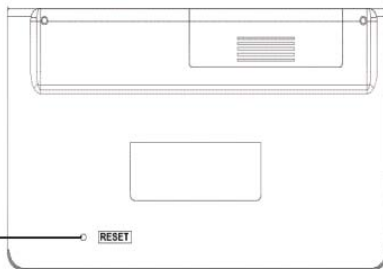


## Resetting Your Device

If the keyboard fails to respond, or if the screen performs erratically, perform a system reset by doing the following:

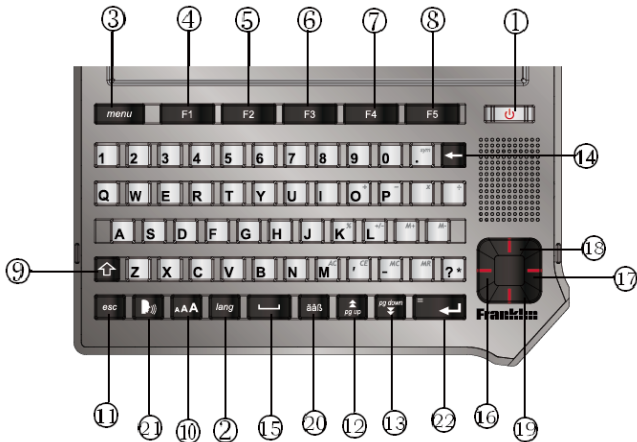
1. Use a paper clip to gently press the reset button on your device.  
The reset button is recessed on the back of your device, near the bottom.

Use a thin, pointed object to press the reset hole to reset the Dictionary.





















**Warning!** Pressing the reset button with more than light pressure may permanently disable your product. In addition, resetting the product may return device settings to their default setting.

## Key Guide



1. : Turns your device on or off. The translator will automatically turn off after a set amount of time if no key is pressed. You can set the amount of time to be 3, 5, or 10 minutes.
2. : Goes to the Menu Language screen. Press or to highlight the one you want and then press .
3. : Goes to the Books menu. At the top-level menu, cycles through the other menus.
4. : (Function key 1) Performs the corresponding function.\*

5. : (Function key 2) Performs the corresponding function.\*
6. : (Function key 3) Performs the corresponding function.\*
7. : (Function key 4) Performs the corresponding function.\*
8. : (Function key 5) Performs the corresponding function.\*
9. : Shifts to type capital letters (or alternate characters, when available). Press once to shift the next typed letter. Press twice to “lock” the shift function to type only capital letters, then press it again to turn it off.
10. : While viewing definitions and translations, cycles through the available font sizes.
11. : Returns to your previous location.
12. : Scrolls up one screen at a time.
13. : Scrolls down one screen at a time.
14. : Erases the last typed character or removes the last item inputted. Returns to your previous location.
15. : At input screens, types a space.
16. : (←) Moves the cursor left.
17. : (→) Moves the cursor right.
18. : (↑) Moves the cursor up.
19. : (↓) Moves the cursor down.
20. : Cycles through the available accents, umlauts and other diacritics for the letter to the left of the cursor.
21. : Press this key to hear the voice.
22. : Selects an item. While viewing a word or phrase, displays a menu to adjust the speech rate and volume of pronunciation.

\*Function keys 1-5 are represented by the labels displayed along the bottom of the screen. To

perform a desired function, press the F1-F5 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 features in this device.

## **Understanding the Function Keys**

At any time, there are up to 5 labels at the bottom of the screen. These are additional functions available to you at your current location. Press the corresponding F1-F5 key at the top of the keyboard to access that function. **Note:** These labels change to reflect the different functions available in the various features of this device.

For example, while viewing a definition or translation you may see:




Function key F1 = **F1 Lang**. Press LANG (F1) to view the current word or phrase in any of the available languages.

Function key F2 = **F2 Fav**. Press FAV (F2) to save the current word or phrase to your list of favorites.



Function key F3 = **F3 Record**. Press RECORD (F3) to record your own pronunciation of the current word or phrase.

## **Using the Main Menu**


Use the main menu to quickly take you to different books, lessons and other items in your device. The main menu contains five “tabs”: Books, Learn, Games, Tools and Setup. Use ◀ and ▶ to move to another tab. Use ↓ or ↑ to highlight the option you want and press  to select it. You can also go directly to a tab by pressing the tab’s respective function key (F1-F5). Or you can press MENU repeatedly to cycle through the tabs.

## **Changing the Settings**


In your device, you can adjust the language of menu items, prompts and other information, turn the volume up or down, determine how long your device stays on if no key is pressed, adjust the screen contrast, and turn a key tone on or off.

1. Press MENU.
2. Press SETUP (F5) to go to the Setup menu. Or you can press ◀ once.
3. Press ↓ or ↑ to highlight the setting you want to change and then press .
4. Make your changes.
5. Press  to save your changes or press ESC to exit without saving your changes.

### **Menu Language**

Menu Language determines the language used when displaying menu items, prompts and other information. Press ▶ or ◀ to highlight the language you want and then press .

### **Volume Setup**

Volume Setup allows you to adjust the rate of speech for all pronunciations and the volume of playback. Press ↓ or ↑ to move the pointer between the Speech rate and Volume setup settings. Press ▶ or ◀ to adjust the settings. Press  to save your changes.

## Shut Off Time

The Shut Off Time determines how long your device stays on when no key is pressed. Press **↓** or **↑** to move the pointer to the time you want and then press **↵** to save your setting.

## Contrast

The Contrast setting allows you to adjust how dark or light your screen is. Press **→** or **←** to adjust the screen contrast darker or lighter. Press **↵** to save your changes.

## Key Tone

The Key Tone produces a small beep every time you press a key on your device. You can turn this on or off. Press **↓** or **↑** to move the pointer to the setting you want and then press **↵** to save your setting.

# Searching for Words and Phrases

## Selecting a Language

1. Press MENU to go to the Books menu.
2. *Words and Phrases* is highlighted. Press **↵** to select it.  
You can choose to input any of the input languages: English, German or Greek.
3. Press **↓** or **↑** to point to your choice and then press **↵**. For example, select *Input English*.

Begin typing a word.

If you want to switch to another language at this time, you can. First press **↵** and then press INPUT (F1). Press **←** or **→** to highlight the language you want and then press **↵**.



## Looking Up a Word

1. Once you select a language, begin typing a word.

For example, *welcome*.

As you type letters, the first word in the list that matches the letters you type will move 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 “welcome” appears on the screen after you type “wel”.



2. When the word you want is on the screen, press **↓** until the word you want is highlighted. Or you can continue typing letters until the word is complete and the matching word in the list is highlighted.

If the word or phrase you type is not in the list, the last matching word is highlighted.

Press **←** to erase a letter and re-type your word.

3. Press **↵** to look it up.

Press **🔊** to hear the word or phrase pronounced. Press **↓** or **↑** to move between the available translations to and then press **🔊** again to hear the selected translation.

Press LANG (F1) to view the translation for another language.




Press **➡** or **⬅** to highlight the language you want and then press **↵**.

Press FAV (F2) to save the word to your favorites list. Yes is highlighted. Press Y or **↵** to save it. Or you can press N or press **➡** to highlight No and then press **↵** to cancel the save. Press RECORD (F3) to record yourself pronouncing the word or phrase.


Please see “Recording Pronunciations” for more information. Press **⬅** or **➡** to move to the previous or next entry. Press ESC to return to the input screen.

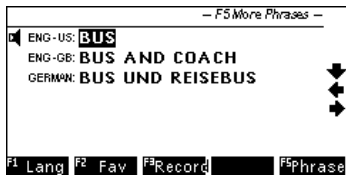
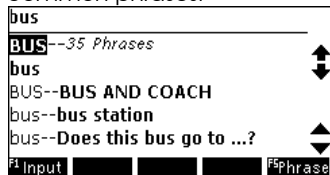


✓ **Typing Special Characters**

For the languages in your device, simply type the letters you see on the keyboard. To cycle between the available accents, umlauts, and other diacritics, simply press  repeatedly until you see the one you want. In some cases, you may need to press  and then  to see the special character.

✓ **Viewing Common Phrases**

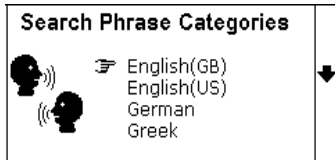
When searching for words, you might encounter items with a word followed by the message “# phrases”, where # represents the number of additional phrases for this entry. Highlight that item and press . Then press PHRASE (F5) to see the list of common phrases.



Or you can press PHRASE (F5) when the item is highlighted to go directly to the list.

## Finding Phrases

1. Press MENU to go to the Books menu.
2. Press **↓** to highlight *Search Phrase Categories* and then press **↩**.  
You can choose to search any of the available languages:  
English (British or American), German or Greek.



3. Press **↓** or **↑** to point to your choice and then press **↩**.

For example,  
select *English (GB)*.



Press LANG (F1) to view  
the list of categories in another language.



Press **←** or **→** to highlight the one you want and then press **↩**.

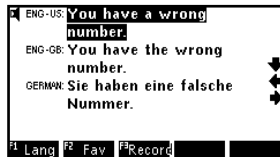
- Press **↓** or **↑** to highlight the category you want and then press **↵**.  
Press **↓** or **↑** to highlight a subcategory, if necessary, and then press **↵**.  
The first phrase in the selected category is displayed.  
Press **←** or **→** to move to the previous or next phrase.



## Hearing Words and Phrases

Your device can pronounce words and phrases in dictionary and phrase book entries.

- Look up a word or phrase.  
The speaker icon is displayed next to the first pronounceable item on the screen.
- Press **↓** to move the icon to the language you want to hear, if necessary.
- Press **🔊** to hear it.



### ✓ **Changing the Speech Settings**

You can adjust how loud the pronunciations are played.

You can also adjust how slow or fast the pronunciations are played. Press **↵** to display the menu.

Press **↓** or **↑** to move between the Speech rate and Volume setup settings. Then press **←** or **→** to adjust the setting slower or faster, or softer or louder, respectively. **Note:** The default speech rate is 3, which is a regular, enunciated, rate of speech. Press **↵** to save your changes. Press ESC to exit without saving your changes.






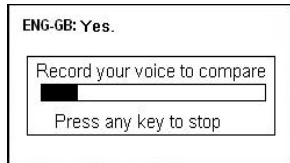
## Recording Pronunciations

When you see the “Record” function key, this means that you can record your own pronunciation of the current item. In this way, you can practice pronouncing words and phrases in a foreign language to improve your language skills.

1. Look up a word or phrase.
2. Press RECORD (F3).

The current word or phrase is pronounced. After it is finished, the prompt changes, indicating it is time for you to pronounce the word or phrase. You can record up to 30 seconds.

3. After recording your pronunciation, press any key to stop recording. When recording is stopped, the two pronunciations are replayed, back-to-back. You are then prompted to replay the pronunciations.
4. Yes is highlighted. Press Y or  to hear them again. Or you can press N or press  to highlight No and then press  to return to the entry.



## Using the User Dictionary

The User Dictionary allows you to save a personal list of words and definitions that you want to learn and remember. You can build this vocabulary list according to your interest and need. Then you can save and study the new word repeatedly until you have memorized it. In addition, from USB mode, you can open the User Dictionary on your PC and you can move any 2-column tab-delimited .txt files to your device to use as an additional user dictionary.

### Adding Words on Your Device

1. Press MENU to go to the Books menu.
2. Press **↓** to highlight *User Dictionary* and then press **↩**.
3. Press **↑↓** to highlight *User Dictionary* and then press **↩**.
4. Press ADD (F2) to add a word or phrase.
5. Type the word or phrase you want to add.

Type a letter and then press **aaa** to cycle through the available accents, umlauts and other diacritics for the letter to the left of the cursor.

Press **☰** + **☐** to see the available symbols. Use the arrow keys

to navigate to the symbol you want and then press **↩** to select it.

Press INPUT (F1) to change the input language of the word you want to save.

Press **→** or **←** to highlight the language you want and then press **↩**.

6. Press **↓** to move to the definition field.
7. Type the definition.
8. Press **↩** or SAVE (F2) to save the record.



## Viewing, Editing and Deleting Your Entries

1. Press MENU to go to the Books menu.
2. Press ↓ to highlight *User Dictionary* and then press ↵.
3. Press ↑↓ to highlight *User Dictionary* and then press ↵.

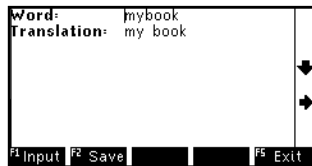
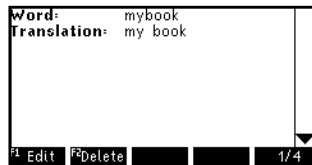
Your list of entries is displayed in alphabetical order.

Press ↓ or PG DOWN to scroll through the list of entries. You can also type a letter to go directly to that part of the list.


Press DELETE (F5) to delete the highlighted entry. You are prompted to delete the current entry or delete all entries.

Press ↵ to delete the highlighted entry. Press ↓ to highlight *Delete all entries* and then press ↵ to delete all entries. Press ESC to exit without deleting any entries.



4. Highlight a word you want to view or edit and press ↵.
5. Press EDIT (F1) to edit the entry.
6. Make your changes just as you would when entering the item.  
Press → or ← to move the cursor. Press ↓ or ↑ to move between the fields.  
Press ← to delete the character to the left of the cursor.
7. Press SAVE (F2) to save your changes.  
Press EXIT (F5) to exit without saving any changes.



## Copying User Dictionaries to Your Device

1. Using a USB cable, connect your device to your PC.  
Please see “Using a USB cable” in “Powering Your Device” for more information.
2. Yes is highlighted. Press  to enter USB mode.
3. Find a user dictionary file on your PC.  
Remember, any user dictionaries you want to copy to your device must be 2-column (word and definition) files, tab-delimited (separated by tabs) and saved as a text file.
4. Copy the file to the “Txt” folder on your device.  
To find your device’s “drive”, look for and open the drive on your PC labeled “Removable disk”.





## Using the Favorite List

1. Press MENU to go to the Books menu.
2. Press ↓ to highlight *Favorite List* and then press .
- Your list of favorites is displayed in alphabetical order. **Note:** Words from all languages are stored in the same list.
3. Press ↓ or PG DOWN to scroll through the list of favorites.
4. Press  to view the highlighted entry.



### Adding an Entry




1. Look up a word or phrase.
2. Press FAV. (F2).
3. Yes is highlighted. Press Y or  to save the item to your favorites list.  
Press N or press → to highlight No and then press  to exit without saving it.

### Deleting an Entry

1. Press MENU to go to the Books menu.
2. Press ↓ to highlight *Favorite List* and then press .
3. Press ↓ or PG DOWN to scroll through the list of favorites.
4. Press  to delete the highlighted entry.  
You are prompted to delete the current entry or delete all entries. Press  to delete the highlighted entry. Press ↓ to highlight *Delete all entries* and then press  to delete all entries. Press ESC to exit without deleting any entries.


## Viewing Your History

1. Press MENU to go to the Books menu.
2. Press ↓ to highlight *History* and then press .
3. Press ↓ or PG DOWN to scroll through the history.
4. Press  to view the highlighted entry.

Press  to delete the highlighted entry. You are prompted to delete the current entry or delete all entries. Press  to delete the highlighted entry. Press ↓ to highlight *Delete all entries* and then press  to delete all entries. Press ESC to exit without deleting any entries.

## Learning English

At the Learn English menu, you can access grammatical tips and other tools to help you master English and compare other languages.

1. Press MENU to go to the Books menu.
2. Press LEARN (F2) to go to the Learn English menu.  
Or you can use → or ←.
3. Press ↓ or ↑ to highlight the option you want and then press .

*English Verb Conjugation* allows you to view the conjugations of English verbs.

*English Noun & Adj Inflection* allows you to view the inflections of English nouns and adjectives.

*English Synonym/Antonym* allows you find synonyms and antonyms for English words.

*English Phonics* allows you to view and hear the list of different vowel and consonant sounds in English.

*English Role Playing* allows you to practice using English in everyday situations.

*German Verb Conjugation* allows you to view the conjugations of German verbs.


*German Inflection* allows you to view the inflections of German nouns and adjectives.


4. Press MENU to return to the Books menu.

### ✓ **Conjugations, Inflections, and Synonyms**




1. Type the word you want to find.


As you type letters, the first word in the list that matches the letters you type will move to the top of the word list. You may not have to type the entire word in order to find the one you want.

2. When the word you want is on the screen, press  until the word you want is highlighted. Or you can continue typing letters until the word is complete and the matching word in the list is highlighted.




If the word you type is not in the list, the last matching word is highlighted. Press  to erase a letter and re-type your word.

3. Press  to see the conjugations, inflections, or synonyms.

Sometimes words have multiple entries. For example, the English word *star* is a noun and an adjective. When you select a word with multiple forms, press  or  to highlight the form you want and then press .

Press  or PG DOWN to scroll through the entry.

While viewing conjugations, press  or  to view other tenses.

You can also hear conjugations pronounced. Press  or  to move the speaker icon to the conjugation you want to hear and press .

### ✓ **English Phonics**

English Phonics provide you with examples of the different vowel and consonant

sounds used when speaking English. Hearing these sounds can help you learn and practice recognizing the different sounds used in English words.

Press **→** or **←** to move between the vowel and consonant sounds.

Press **↓** or PG DOWN to scroll through the list of sounds.

Press **▶** to hear the highlighted sounds. Or you can press the numbers 1 to 6 to hear the sounds at the designated line. Press Q to hear all the sounds played continuously, one after the other. During continuous playback, press any key to stop.

### ✓ **English Role Playing**

English Role Playing allows you to practice English in common situations. This can help you become familiar with using English in everyday life. There are 10 categories of role playing available.

Press **↓** or **↑** to highlight the category you want and then press **▶**. Continue selecting subcategories until you see the one you want. You can choose to hear all the roles at once (*All*), one line at a time (*Single*) or select the role you want to play (*Select role*).

Press 1 to select *All*. Then press **▶** to hear the entire conversation.

Press 2 to select *Single*. Press **↓** or **↑** to move the speaker icon to the line you want to hear and then press **▶** to hear it.

Press 3 to select *Select role*. You are prompted to select the role you want to play.

Press **↓** or **↑** to move the pointer to the role you want to play and then press **▶** or

Y. The conversation will automatically begin. When it is your turn to speak, you can record your pronunciation. Press any key to stop recording. The device's recording will then be played alongside yours. Press Y or **▶** to hear them again. Press N or press **→** to highlight *No* and then press **▶** to continue with the next part of the conversation.

## Playing the Games

Your device comes with 6 fun and educational games to help you build your English vocabulary and knowledge and other game playing skills. Remember, only English words are used in the games.

### Changing Game Settings

1. Press MENU to go to the Books menu.
2. Press GAMES (F3) to go to the Games menu.  
Or you can use  $\rightarrow$  or  $\leftarrow$ .

3. *Game Settings* is highlighted. Press  $\leftarrow$  to select it.

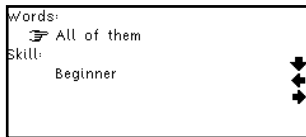
*Words* determines the type of words used in the games. *Favorite list* uses all English words you have saved as a favorite. *User Dictionary* uses all English words you have entered into your personal dictionary. *Words* uses all English words from the dictionaries. *All of them* uses all English words from the Favorite List, User Dictionary and the built-in dictionaries. *Enter your own* allows you to type in your own game word so you can play with a friend.

*Skill* determines the difficulty of the games. You can select *Beginner*, *Intermediate*, *Advanced*, *Expert*, and *Wizard*.


4. Press  $\downarrow$  or  $\uparrow$  to move the pointer to another setting.
5. Press  $\leftarrow$  or  $\rightarrow$  to cycle through the options at the current setting.

**Note:** New settings are saved as soon as you change them.

6. Press  $\leftarrow$ , ESC to return to the Games menu.






## Selecting a Game

1. Press MENU to go to the Books menu.
2. Press GAMES (F3) to go to the Games menu.
3. Press ↓ or ↑ to highlight the game you want and then press .

## Conjumania

Conjumania asks you to practice your verb conjugations. The infinitive form of the verb is displayed along with a tense name and a personal pronoun. Your goal is to type the correct conjugation of the requested verb.

Type your guess and press . Press HINT (F1) to flash the correct form on the screen. Press END (F2) to give up and end the round.



After the round is over, press  to look up the translation of the word and then press ESC to return to the game. Press  to continue and conjugate another tense for the same verb.

Press NEXT (F3) to conjugate a new verb.

## Guess the Word

Guess the Word challenges you to guess the mystery word after reading the definition and translations. You need to guess the letters in the order that they appear. If your guess is right, the letter will appear in the word. If you make three wrong guesses, you lose.

Type your guess. Press HINT (F1) to fill in one missing letter. Note: If there is only one missing letter left, you automatically lose the round. Press END (F2) to give up and end the round.



After the round is over, press  to look up the translation of the word and then press ESC to return to the game. Press NEXT (F3) or  to play again.

## Hangman

Hangman selects a mystery word and lets you try to guess it letter by letter. You have to guess the word in order to save the little man. Each wrong guess that you make causes another piece of him to appear. When he is whole, you lose.




Type letters that you think are in the word. Continue guessing until you reveal the whole word or run out of guesses.

Press HINT (F1) to fill in one missing letter. Press END (F2) to give up and end the round.

After the round is over, press  to look up the translation of the word and then press ESC to return to the game. Press NEXT (F3) or  to play again.

## Sudoku

In Sudoku, your goal is to place a number in every square of a 9 x 9 grid. But you can't just fill in any number anywhere. Each number from 1 to 9 can only occur once in every horizontal row, vertical column, and 3 x 3 square. Each grid begins with a few numbers already in place. You simply have to use a process of elimination to fill in the rest.



Use the navigation button to move the cursor to the empty box you want to fill. Type the number you want to place in that block. After you type your guess, check your answer. On the left side of the screen, the "state" field displays the state of the current block. A question mark (?) indicates the box is empty. A check mark (✓) indicates your guess is correct. An "x" indicates your guess is incorrect. To change a guess, move to that block and press . When you complete a puzzle, press . If the puzzle is correct, press  to play again. If the puzzle is incorrect, you'll see an "x". Use the arrow keys to navigate to the wrong blocks and make corrections. Press ESC to exit.

## Word Train

In Word Train, you and the computer take turns trying to make a word one letter at a time. Whoever first completes a word wins. Winning words have to be at least four letters long. If the letters you enter make a stem that can't be further built upon to make a word in this dictionary, you lose.

Type a letter that you think can complete a valid word. Continue taking turns guessing with the computer until a valid word is spelt.

Press HINT (F1) to see all the letters you can type at your turn. Press END (F2) to give up and end the round.



After the round is over, press  to look up the translation of the word and then press ESC to return to the game. Press NEXT (F3) or  to play again.

## Word Auction

In Word Auction you must try to guess a mystery word letter by letter. You begin with a certain sum of money. The amount is based on the selected skill level. Each guess costs you money, and the amount is deducted from your cash. A common letter costs more than a rare letter. If you don't guess the word before you run out of money, you lose. If you get the word right, you win, and your remaining money carries over to the next round.

Type letters that you think are in the word. Continue guessing until you reveal the whole word or run out of money.

Press HINT (F1) to fill in one missing letter. Press END (F2) to give up and end the round.

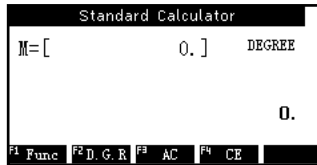
After the round is over, press  to look up the translation of the word and then press ESC to return to the game. Press NEXT (F3) or  to play again.

## Using the Calculator

1. Press MENU to go to the Books menu.
2. Press TOOLS (F4) to go to the Tools menu. Or you can use  $\rightarrow$  or  $\leftarrow$ .
3. *Calculator* is highlighted. Press  $\leftarrow$  to select it.  
You can choose between a standard calculator and a scientific calculator.
4. Press  $\rightarrow$  or  $\leftarrow$  to highlight the one you want and then press  $\leftarrow$ .

### Using the Standard Calculator

The standard calculator can perform basic arithmetic calculations, memory calculations and percent calculations. You can type up to 12 digit numbers. Most of the calculator functions are on dedicated keys, but all functions are automatically active when in the calculator.





1. Type a number.  
Press L(+/-) to make a number positive or negative.  
Press D/G/R (F2) to cycle between Degree, Grade, and Radian.
2. Select to add (+), subtract (-), multiply (x) or divide ( $\div$ ).
3. Type another number.
4. Press  $\leftarrow$  (=). Or you can press K(%) to calculate a percentage.
5. Press ,(CE) or CE (F4) to clear the last number you entered.
6. Press M(AC) or AC (F3) to clear the calculation.

### ✓ Using the Calculator Memory


Try the following equation to practice using the calculator memory:

$$(32 \times 12) - (8 \times 8) = 320.$$

1. Press -(MC) to clear the calculator memory, if necessary.

2. Type 32, press (x), type 12, and then press .
3. Press (M+) to add the result to memory.  
The current value of memory is displayed.
4. Type 8, press (x), type 8, and then press .
5. Press (M-) to subtract the result from the number stored in memory.  
The new value of memory is displayed.  
Press (MR) to retrieve the number from memory, if necessary.

✓ **Advanced Functions**

Press FUNC (F1) to see a menu of additional functions. Use the navigation button to highlight the function you want and then press . Look in this menu to calculate square roots, squares, exponents, logarithms, *sin*, *cos*, and other functions.

**Note:** Some functions require two numbers, for example,  $x^y$  or  $x^{1/y}$ . To complete these calculations, type the first number, select the function, and then type the second number. **Note:** When using trigonometric functions, press D/G/R (F2) to cycle displaying the results in degrees, grads, or radians.



You can set the time at any city. This then sets the time at every city, so be careful. You'll want to set the time at the city closest to your home, or a city within your time zone. For example, go to *New York • USA*.

When you reach the city you want, press **F1 Dst: ON/OFF** to toggle Daylight Saving Time on or off. "DST: OFF" is displayed when Daylight Saving Time is turned off.

6. Type the current time at the selected city.

This device uses a 24-hour clock, so remember that when adding a time. Also, all 4 digits are required. For example, type *0800* for "8:00AM".

Press **←** to erase any typed numbers.

7. Press PG DOWN to go back to City 2, and press **↑** or **↓** to select a target city.

You can also type the first letter of a city to go directly to that part of the list.

For example, find *London • UK*. Notice how the time is adjusted automatically, so that you see the "local" time in both cities.

## **Using the Currency Converter**

Your device can save exchange rates for 8 different currencies as converted against U.S. dollars (USD). You can convert euro (EURO), Great British pound (GBP), Chinese ren min bi (RMB), Japanese yen (JPY), Korean won (KRW), Thai baht (THB), Canadian dollars (CAD), and Australian dollars (AUD). You can convert to and from these currencies compared to U.S. dollars.

1. Press MENU to go to the Books menu.
2. Press TOOLS (F4) to go to the Tools menu. Or you can use **→** or **←**.

3. Press **↓** or **↑** to highlight *Currency Conversion* and then press **↵**.

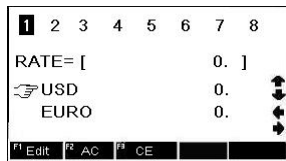
### Setting the Exchange Rates

Before you can use the currency converter, you must set the exchange rates.

1. Press **→** or **←** to move between the 8 currencies.
2. When you reach the currency you want to convert, press EDIT (F1).  
You can now edit the rate. Press **←** to erase any typed numbers.
3. Type in a new rate and then press **↵**.
4. Repeat this process to save rates for all 8 currencies.

### Converting Currency

1. Press **→** or **←** to move between the 8 currencies until you reach the currency you want to convert.
2. Press **↓** or **↑** to move the pointer between the currency you have on hand.
3. Type the amount.  
As you type the amount, the value in the other currency is automatically calculated.  
Press **←** to erase any typed numbers.
4. Press AC (F2) to clear the conversion.



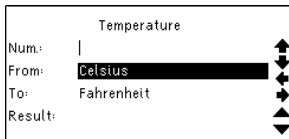
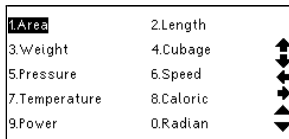
## Using the Unit Converters

Your device can convert many kinds of daily units, such as area, length, weight, speed, radian, cubage, power, caloric, pressure, and temperature. You can convert to and from any of the pre-set pairs of units.

1. Press MENU to go to the Books menu.
2. Press TOOLS (F4) to go to the Tools menu. Or you can use  $\rightarrow$  or  $\leftarrow$ .
3. Press  $\downarrow$  or  $\uparrow$  to highlight *Unit Conversion* and then press  $\rightarrow$ .  
You can select to convert units or sizes.
4. Press  $\rightarrow$  or  $\leftarrow$  to highlight the one you want and press  $\downarrow$ .

### Performing Unit Conversions

1. From the Unit conversions menu, select the Unit Converter.
2. Use the navigation button to highlight the conversion category you want and then press  $\downarrow$ .  
You can also type the number of the category you want.  
Press  $\downarrow$  or  $\uparrow$  to move between the "From" and "To" fields.  
Press  $\rightarrow$  or  $\leftarrow$  to change the units you want to convert.
3. Type the value corresponding to the "From" units.  
As you type the amount, the value in the other currency is automatically calculated.  
Press  $\leftarrow$  to erase any typed numbers. Use (-) to type negative numbers.



### Performing Size Conversions

1. From the Unit conversions menu, select the Size Converter.  
The size converter allows you to convert men's and women's clothes and shoe sizes.
2. Press  $\downarrow$  or  $\uparrow$  to move the pointer to the category you want and then press  $\rightarrow$ . For example, *Men's clothes*.  
Press  $\rightarrow$  or  $\leftarrow$  to scroll through the size information.



## Using My Recorder

Your device stores up to 60 minutes of your recordings as you practice pronouncing words and phrases.

1. Press MENU to go to the Books menu.
2. Press TOOLS (F4) to go to the Tools menu.  
Or you can use  $\rightarrow$  or  $\leftarrow$ .
3. Press  $\downarrow$  or  $\uparrow$  to highlight *My Recorder* and then press  $\leftarrow$ .

You see a list your saved recordings.

4. Press  $\downarrow$  or  $\uparrow$  to scroll through the list.
5. Press F3 to play the highlighted recording.

Press F2 to stop playback. Press F5 to delete the highlighted file.

Press F4 to add a file name. Type the name you want. Remember this becomes the actual file name, so keep it short and don't use any special characters or it might not display properly on your PC. Press  $\leftarrow$  when done. Or you can press  $\rightarrow$  to highlight *No* and then press  $\leftarrow$  to exit without changing the name.

My recorder	Ready
File name	Time
Record0.a18	00:08
F1 ●	F2 ■
F3 ▶	F4 □
F5 ✕	

### **Making New Recordings**

While in My Recorder, you can save new recordings.

1. Press F1 to start recording.
2. Record your message.
3. Press F2 to stop recording.  
Or you can press F1 to pause recording. When you're ready, press F1 to resume recording.

## **Specifications**

Model Number: TDG-590 Speaking Language Professor

Dimensions: 122.3 x 87 x 24 mm

Weight: 170 g

Batteries: 2 x AAA

ISBN 978-1-59074-519-9

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**Device Disposal**



## **Recycling and 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.

## **FCC Notice (U.S. only)**

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 of 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.

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Franklin Electronic Publishers, Inc.

Attn: Service Department

One Franklin Plaza

Burlington, NJ 08016-4907

If you return a Franklin product, please include your name, address, telephone number, a brief description of the defect and a copy of your sales receipt as proof of your original date of purchase. You must also write the RMA prominently on the package if you return the product; otherwise there may be a lengthy delay in the processing of your return.

Franklin strongly recommends using a trackable form of deliver to Franklin for your return.

## **Limited Warranty (EU and Switzerland)**

Notwithstanding the disclaimer of warranties above, this product, excluding batteries and liquid crystal display (LCD), is guaranteed by Franklin to be free of defects in materials or workmanship for a period of two years from the date of purchase. It will be repaired or replaced with an equivalent product (at Franklin's option) free of charge for any defect in workmanship or materials during that time.

This warranty explicitly excludes defects due to misuse, accidental damage, or wear and tear. This warranty does not affect the consumer's statutory rights.

## **Limited Warranty (outside U.S., EU and Switzerland)**

Notwithstanding the disclaimer of warranties above, this product, excluding batteries and liquid crystal display (LCD), is guaranteed by Franklin to be free of defects in materials or workmanship for a period of one year from the date of purchase. It will be repaired or replaced with an equivalent product (at Franklin's option) free of charge for any defect in workmanship or materials during that time.

Products purchased outside the United States, the European Union and Switzerland that are returned under warranty should be returned to the original vendor with proof of purchase and description of fault. Charges will be made for all repairs unless valid proof of purchase is provided.

This warranty explicitly excludes defects due to misuse, accidental damage, or wear and tear. This warranty does not affect the consumer's statutory rights.

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