



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 Battery

This product uses one CR-2032, 3-volt lithium battery. To replace the battery, push gently on the battery door tab to open it. Remove and discard the old battery. Install the new battery with the plus sign (+) facing you, and close the cover.

**Warning!** If the battery wears out completely, or if you take more than a few seconds while changing the battery, any user-entered information will be erased. You should always keep written copies of your important information.

#### Battery Precautions

- 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.

### 1.2 To Set the Message Language

The first time you use this translator you are prompted to select a message language.

- Press **○**.
- Press **E** for English, **S** for Spanish, **F** for French, **D** for German or **I** for Italian to set the message language.

#### To Change the Message Language

- Press **MENU**. Use **▼** to *Message Lang.* and press **ENTER**. Use **▼** to select your language choice and press **ENTER**.

### 1.3 To Change the Source and Target Language

- Press **MENU**. *Language* is displayed.
- Press **ENTER**. *FROM* Language flashes. Use **►** or **◄** to select the source language and press **ENTER**. Press **▼** and *TO* language flashes. Use **►** or **◄** to select the target language and press **ENTER**.

#### 1.4 To View a Demonstration

You can view a demonstration of this product to familiarize yourself with its features. Press **MENU**, use **▼** to *Demo* and press **ENTER**. Press **CLEAR** at any time to stop the demonstration.

### 1.5 To Adjust the Screen Contrast

Press **☞☝**, and use **▲** or **▼** to lighten or darken the screen contrast. **Note:** You can adjust the screen contrast only at the **☞☝** display screen.

#### 1.6 Auto-Shutoff

If you forget to turn this device off, it will automatically shut off in two minutes. When you turn the device on again, operation resumes with your current settings.

## 2. Key Guide

### 2.1 Function Keys

<b>BACK</b>	Goes back or erases a typed character.
<b>CLEAR</b>	Clears the search or stops the demo.
<b>☞☝</b>	Toggles between the Home and World clocks.
<b>ENTER/=</b>	Enters a word. In the calculator performs a calculation.
<b>MENU</b>	Shows the following menu items: Language, Games, Message Lang. and Demo.
<b>☰</b>	Goes to the word entry screen to translate words. Toggles between the source and target language at the word entry screen.
<b>○</b>	Turns the product on or off.
<b>☞☝</b>	Goes to the word entry screen to translate phrases.
<b>€</b>	Goes to the Euro Converter.
<b>☞☝</b>	Goes to the Databank.
<b>☰</b>	Toggles between the Calculator and Converter.

#### 2.2 Other Keys

<b>↻</b>	Reverses the direction of the conversion in the Euro converter.
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### 2.3 Direction Keys

<b>►</b>	Scrolls right or types a space.
<b>◄</b>	Scrolls left or deletes typed characters.
<b>▲</b>	Scrolls up or accents typed letters.
<b>▼</b>	Scrolls down or accents typed letters.

#### Follow the Arrows

The flashing arrows at the right of the screen show which arrow keys you can press to view more words.

### 2.4 Calculator Keys

<b>A<sup>+</sup></b>	Adds two values.
<b>S<sup>-</sup></b>	Subtracts one value from another.
<b>D<sup>x</sup></b>	Multiplies two values.
<b>F<sup>÷</sup></b>	Divides one value by another.
<b>V<sup>.</sup></b>	Types a decimal point.
<b>H<sup>MC</sup></b>	Clears the memory.
<b>J<sup>MR</sup></b>	Recalls the number stored in memory.
<b>K<sup>M-</sup></b>	Subtracts the number from the number stored in memory.
<b>L<sup>M+</sup></b>	Adds a number to memory.
<b>Z<sup>+/-</sup></b>	Changes the number on the screen to a negative or positive number.
<b>√</b>	Calculates a square root.
<b>%</b>	Calculates a percentage.

## 3. Translating Words

You can use this translator to translate words from a source language to a target language. Press **☰** to toggle between the current source and target language. You can change the source and target languages at any time. Please see "To Change the Source and Target Language".

- Press **☰** to display the desired source language.

Type a word you want to look up. For example, using English as the source language, type the word *train*, then press **ENTER**. "Found 12" displays, followed by the list of words and/or phrases. Press **▼** or **▲** to select the desired word or phrase, then press **ENTER** to see its translation.

- To see a word or phrase that does not fit on the screen, press **►** repeatedly.
- Press **BACK** to return to the list.
- Press **CLEAR** for a new search.

#### 3.1 Typing Special Characters

You can type accent marks, diacritical marks, non-English letters, and capital letters, but they are not needed to find matches. Special characters can be typed by first typing the desired letter and then repeatedly pressing **▼** or **▲** until the desired character is displayed. To type a punctuation mark, press **►**; then press **▼** or **▲** repeatedly until the desired character is displayed.

## 4. Translating Phrases

**Note:** The phrases in this product are listed in the current source language.

- Press **☞☝**. Use **▼** or **▲** to scroll to a category. For example, choose *Doing Business*.
- Press **ENTER**. Use **▼** or **▲** to scroll to a phrase, and press **ENTER** to see its translation.
- To see a phrase that does not fit on the screen, press **►** repeatedly.
- Press **BACK** to return to the list.
- Press **CLEAR** return to the category menu.

#### 4.1 Correcting Misspellings

If you misspell a word in any language, or if you enter a word that is not contained in this translator, a list of corrections is displayed. Use **▼** or **▲** to scroll to a correctly spelled word and press **ENTER**.

## 5. Storing Names and Phone Numbers

This product has a databank that can save as many as 100 names and phone numbers. The total amount of names and numbers that you can save depends upon the number of characters in each entry.

### 5.1 To Add an Entry to the Phone List

- Press **☞☝**. Use **▼** to see *New Entry*.
- Press **ENTER**.
- Type a name and then press **ENTER**. Each name can contain up to 30 characters, including spaces, with letters appearing as capitals. **Note:** Accented characters are not supported in the phone list. To delete a character, press **BACK** or **◄**. To type a space, press **►**. To type a hyphen, an apostrophe or a period press **►**, then press **▲** repeatedly until the desired character is displayed.
- Use the numbered keys to type a phone number and then press **ENTER**. To type a hyphen between the parts of a phone number, press **►**; then press **▲** repeatedly until the hphen is displayed. **Note:** You cannot type letters in a phone number.

#### 5.2 To View the Phone List

- Press **☞☝**.
- Use **▼** or **▲**, if needed, to see *View List* and then press **ENTER**.
- To view a name, type it or use **▼**. The name and number are displayed.
- To view another entry, use **▼** or **▲**, or start to type a name.

#### 5.3 To Edit Phone List Entries

- Press **☞☝**.
- Use **▼** or **▲**, if needed, to see *Edit Entry*, then press **ENTER**. Follow the instructions on the screen. Press **BACK** to delete characters. Type your changes and then press **ENTER** until the entry is changed. To cancel the edit press **☞☝**.
- Press **BACK** to return to the phone list options.

#### Keep Copies of Important Data

**Warning!** Your phone list information is safely stored in memory as long as the battery supplies power. However, if the battery loses all power, this information will be permanently lost. Always keep written copies of your important information.

### 5.4 To Delete an Entry from the Phone List

- Press **☞☝**.
- Press **ENTER** to select *Delete Entry*.
- Press **▼** until you see the entry that you want to delete.
- Press **ENTER**.
- Press **Y** to delete the entry or **N** to cancel the deletion.

### 5.5 To Erase All the Phone List Entries

**Warning!** This procedure permanently erases all the names and numbers in your phone list.

- Press **☞☝**.
- Use **▼** or **▲** until you see *Erase all data* and then press **ENTER**.
- Press **Y** to erase all the entries or **N** to cancel the operation.

#### Checking the Memory

To see how much memory is free in the phone list, press **☞☝** and then use **▼** to see, *Databank Free: XX%*.

### 5.6 Using a Password

You can use a password to keep the information in the Phone List private. The password is requested when the unit is turned on and the Phone List is accessed.

#### Password Warnings

**Warning!** After you set the password, you must enter the password to access the phone list for the first time during a session. Always record your password and keep it in a separate place. If you forget the password, you must reset the unit to access the phone list. **Warning!** Resetting the unit erases all user-entered information. Always keep written copies of your data.

If you do not have a reset button located on the back of your unit, remove the batteries, wait at least two minutes, and then re-install them. For battery instructions, see "Installing the Battery". If you have a reset button, use the end of a straightened paperclip to gently press the reset button.

If the unit does not reset after pressing the reset button, follow the above instructions for removing the batteries.

#### 5.7 Password Setup

- Press **☞☝**.
- Use **▼** to see *Set Password* and press **ENTER**. Your password can have up to 8 characters. You are prompted to retype your password, and press **ENTER** to confirm.
- To test the password, press **○** twice, type the password, and press **ENTER**.
- To disable the password, repeat Steps 1 and 2 above, and press **ENTER** when *Password displays*.

## 6. Using the Calculator

- Press **☰**. Use **Y** or **▲** to scroll to the currency conversion you want and press **ENTER**. Type the amount to convert, and press **ENTER**.
- Press **↻** to reverse the direction of the conversion.
- Press **CLEAR**, to make another conversion.
- Press **☞☝**, to return to the currencies list.
- Type another number. Note: To find a square root, press **√**.
- Press **ENTER** to calculate the equation. To clear the calculation, press **CLEAR**.

### 6.1 To Use the Calculator Memory

- Perform a calculation as shown above, or simply type a number in the calculator.
- Press **L<sup>M+</sup>** to add the number to the calculator memory as a positive number, or **K<sup>M-</sup>** to add it to the memory as a negative number.
- Press **CLEAR** to clear the calculator, or continue performing a calculation. To retrieve the figure from the memory, press **J<sup>MR</sup>**. To clear the entire calculator memory, press **H<sup>MC</sup>**.

## 7. Setting the Clock

This product features a Home Time clock and a World Time clock. After you set your home time you can view local times around the world.

### 7.1 Setting Home Time

- Press **☞☝**. The home time displays an **\*** in the upper left corner. Press **☞☝** until you see this display, and then press **S** to enter setting mode.
- Use **▼** to select *Time format*, then press **ENTER**. Use **▼** to choose *24* or *12* hour format, and the desired *Day/Month/Year* format, and press **ENTER**.
- Use **▼** to select *Set DST*, then press **ENTER**. Use **▼** to choose *On* or *Off*, and press **ENTER**.
- Use **▼** to select *Set Time* and press **ENTER**.

Use **▼** until the current hour is displayed. Use **►** to move to minutes, then use **▼** until the current minute is displayed, and press **ENTER**.

- Use **▼** to select *Set Date* and press **ENTER**. Depending on the *Day/Month/Year* format you selected in *Time Format*, use the **►** and **◄** to select each setting and the **▼** and **▲** to scroll to the correct date, and press **ENTER**.
- Use **▼** to select *Set City* and press **ENTER**. Use **▼** until your local city is displayed, and press **ENTER**.
- Press **☞☝** to exit setting mode.

#### 7.2 Setting World Time

- Press **☞☝**. The absence of an **\*** indicates World time. Press **S** to enter Setting Mode.
- Use **▼** to select *Set DST* then press **ENTER**. Use **▼** to choose *On* or *Off*, and press **ENTER** to select your choice.
- Use **▼** to *World City*, then press **ENTER**. Use **▼** to scroll through the list of World Cities, and press **ENTER** to select your choice.
- Press **ENTER** again to confirm your changes.
- Press **☞☝** to exit Setting Mode and see the *World City* time.

## 8. Using the Euro Converter

This product features a Euro converter for conversion between the Euro and 11 national currencies. The built in rates are those adopted by the Council of the European Union for the 11 participating countries, based on the set conversion rate of 1 Euro = x in national currency. These rates cannot be edited in accordance with the rounding regulations set by the European commission. Rates are set as follows:

1 Euro	= 40,3399 BEF (Belgian Francs)
	= 1,95583 DEM (German Marks)
	= 166,386 ESP (Spanish Pesetas)
	= 6,55957 FRF (French Francs)
	= 0,787564 IEP (Irish Pounds)
	= 1936,27 ITL (Italian Lire)
	= 40,3399 LUF (Luxemburg Francs)
	= 2,20371 NLG (Dutch Guilders)
	= 13,7603 ATS (Austrian Shillings)
	= 200,482 PTE (Portuguese Escudos)
	= 5,94573 FIM (Finnish Marks)

- Press **☞☝**. Use **Y** or **▲** to scroll to the currency conversion you want and press **ENTER**. Type the amount to convert, and press **ENTER**.
- Press **↻** to reverse the direction of the conversion.
- Press **CLEAR**, to make another conversion.
- Press **☞☝**, to return to the currencies list.

## 9. Converting Measures and Currency

You can convert temperatures, weights, liquid measures, and lengths. You can also convert currencies using an exchange rate that you enter.

- Press **☞☝** twice.
- Use **▼** to select a conversion category and press **ENTER**.
- Use **▼** repeatedly to scroll through the conversions, i.e., °C **→** °F, and then press **ENTER**.
- Follow the instructions on the screen to convert and press **ENTER**.
- To make another conversion, press **BACK**.
- To return to the conversions list press **BACK** again.

#### 9.1 Converting Money

The first time you select the money converter, you will be asked to set the exchange rate equal to one unit of the home currency. Type an exchange rate and press **ENTER**. Next use **▼** or **▲** to select a conversion, e.g., *Home → other*. Press **ENTER**, then enter the amount to be converted.

To change the conversion rate, select *Money* from the Conversions menu, select *Rate*, and type in a new rate.

## 10. Playing the Games

### 10.1 To Play Hangman

Hangman selects a mystery word and lets you try to guess it letter by letter.

- Press **MENU**. Use **▼** or **▲** to select *Games* and press **ENTER**.

Use **▼** until *Hangman* displays and press **ENTER**.

- Type your guesses. The **?**'s represent letters of the mystery word. The numbers show how many guesses remain.
- Press **ENTER** to show the word and end the round.
- Press **ENTER** again to play a new round.

#### 10.2 To Play Quiz

Quiz tests your translation skills. **Note:** To change the language for Quiz, you must change the source language before you play. Please see "To Change the Source and Target Language".

- Press **MENU**. Use **▼** or **▲** to select *Games* and press **ENTER**. Use **▼** until *Quiz* displays and press **ENTER**. Say the word and try to guess its translation.
- Press **ENTER** to see its translation.
- Press **ENTER** again to start a new round.

## 11. 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.

## 12. Specifications

**Model:** ET-2105 *5-Language European Translator*

**Dimensions:** 10.6 x 7 x 1.5 cm

**Battery:** 1 CR-2032 V lithium

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## CE N681

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## 14. 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.

## 15. 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 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.

## 16. Disclaimer of Warranties

Except as specifically provided herein, Franklin makes no warranty of any kind, express or implied, with respect to this product.

## 17. Limited Warranty (U.S.)

**LIMITED WARRANTY, DISCLAIMER OF WARRANTIES, AND LIMITED REMEDY** FRANKLIN WARRANTS TO THE ORIGINAL PURCHASER THAT THIS PRODUCT WILL BE FREE FROM DEFECTS IN