

**Franklin**

C O M P U T E R

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**LANGUAGE MASTER™**

LM-2000

**USER'S  
MANUAL**

**Franklin**  
Computer

# **LANGUAGE MASTER™**

## **INTRODUCTION**

Your Franklin LANGUAGE MASTER is actually an electronic dictionary, thesaurus, and spelling corrector all combined in one hand-held and easy-to-use unit. The LANGUAGE MASTER is not a substitute for a complete reference library on the English language—yet it is a handy and comprehensive reference for any writer, student, reader, and language lover.

The Franklin LANGUAGE MASTER provides you with the following:

Concise definitions, parts of speech, hyphenation points, and inflected forms for over 80,000 dictionary entries, compiled by MERRIAM-WEBSTER.

The complete MERRIAM-WEBSTER COLLEGIATE THESAURUS, containing over 40,000 words and over 487,000 synonyms. (Since some words in the thesaurus have multiple “senses”, the LANGUAGE MASTER will provide you with a comprehensive list of all the “senses” for which synonyms exist and, with a single keystroke, enables you to select the one which best reflects

the meaning you wish to convey.)

Advanced spell checking and correction. Simply enter a word as it sounds, and the LANGUAGE MASTER will provide you with a list of correctly spelled alternatives. If you enter a word which is spelled correctly, the LANGUAGE MASTER will instantly verify your spelling for you.

## **TECHNICAL INFORMATION**

The Franklin LANGUAGE MASTER utilizes state-of-the-art computer technology which is superior than that found in many large powerful computers. The 8 MHz NEC V-20 CPU accesses 1.5M Bytes of ROM and 32K Bytes of RAM. The highly compressed storage format and efficient lookup algorithm from Proximity Technology, Inc. permits the storage of the more than one million words found in the LANGUAGE MASTER.

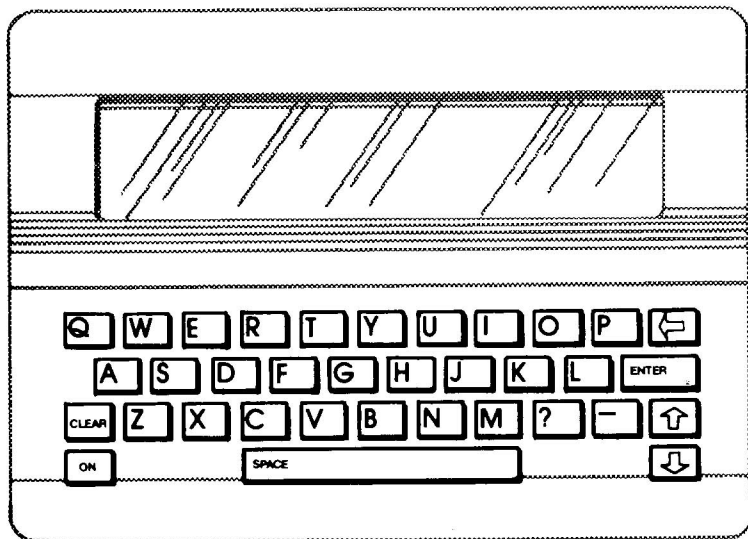
### **Installing Batteries**

Place four (4) AA (UM-3) batteries into the battery compartment located on the underside of the unit. Be careful to observe and follow the polarity markings on the case. We recommend that you use high capacity alkaline manganese batteries since they will last longer. A new set of alkaline batteries should provide approximately 8 hours of continuous use.

**WARNING:** If the batteries are weak, the contrast of the display will be poor. Try adjusting the contrast by pressing the UP and DOWN keys. If the contrast remains poor, this is an indication

that the batteries should be replaced. (If the batteries are very weak, the display may still function, but the characters will be meaningless and unrecognizable).

Opening the FRANKLIN LANGUAGE MASTER will void its warranty.



## HOW TO USE THE FRANKLIN LANGUAGE MASTER

**ON** Turns the LANGUAGE MASTER on and off.

### ADJUSTABLE AUTOMATIC SHUT OFF:

If you forget to turn the unit off, it will automatically shut off after a pre-set period of time, which you can adjust. The unit is preset at the factory to shut off after approximately 2½ minutes. To adjust the time delay for automatic shut off, refer to Page 9 “Altering the Timing Settings.”

After you have turned the LANGUAGE MASTER on you will notice that the display will ask if you'd like “HELP” in understanding the functions available to you:

**HELP** To review the list of features, type in --h and ENTER. The display will show you a list of features which can be selected simply by typing in the letter which corresponds to the feature you'd like explained. (You may refer to this index whenever READY appears on the display.)

Use the UP or DOWN keys to scroll through the text.

Press the CLEAR key in order to continue.

Now you are READY to adjust the contrast of the display to suit your viewing angle:

**UP/DOWN** Adjusts the contrast of the display whenever the READY notation appears. (Adjustments to the contrast will be held in the computer's memory even after the unit has shut off).

## **Adjustable Continuous Scrolling**

The LANGUAGE MASTER makes scrolling through text easy. If you'd like to scroll quickly, simply keep the  $\blacktriangledown$  or  $\blacktriangle$  keys depressed for continuous scrolling. The rate at which the display scrolls is preset at the factory. You can, however, adjust the rate to suit your own preference. Refer to Page 9 of this manual "Altering the Timing Settings."

Arrows located in the upper right corner of the display will indicate whether there is text above or below the text currently on the display.

## **SPELLING CORRECTOR**

The LANGUAGE MASTER uses advanced linguistic technology which enables you to enter a word as it sounds. Simply type in the letters of the word and ENTER. (Use the - key to enter hyphenated words, such as "pom-pom"). The LANGUAGE MASTER will search through the words in its dictionary and thesaurus to see if the word you have entered is correct.

If you have entered a word which is spelled incorrectly, the display will show you a list of words which sound like the one you have entered. Just press the letter of the suggestion you think is correct. (If you are simply checking the spelling of a word, press ON to turn the unit off, or CLEAR to ready the display for the next entry.)

When a valid word is entered on the display or selected from the spelling corrector word list, the LANGUAGE MASTER will go directly to the dictionary. If the word is not found in the dictionary but is included as an entry word in the

thesaurus (example: featherbrained), the LANGUAGE MASTER will go directly to the thesaurus.

Pressing ? when a valid word is on the display will cause the LANGUAGE MASTER to pretend that the word is misspelled and it will return alternate suggestions. This feature is especially useful in distinguishing between homophones and other commonly confused words like complement/compliment.

Pressing the - key twice (-- ) will return a list of words that begin with the word (or letters, as in a prefix such as "tech--") you have entered. For example, entering the word "run" will return a total of 26 words that begin with "run" including dual words (run along) and hyphenated words (run-of-the-mill). Pressing the letter associated with the suggested word will display the definition. Alternately, the same result can be obtained by pressing the "-" whenever a valid word's dictionary definition is on the display.

## **SPECIAL CROSSWORD PUZZLES FEATURE**

Need help breaking a crossword puzzle logjam? The LANGUAGE MASTER may be just what you need to get you on your way to completing the puzzle. You'll have lots of fun with this:

Simply enter the letters you know and enter ? for the letters you don't know. The LANGUAGE MASTER will provide you with a list of words (maximum: 26) that fit that word pattern. For example, entering "l????t" will return 5 suggested words (leapt, least, licit, light, limit).

## DICTIONARY

When a correctly spelled word is entered or selected from the word list, the LANGUAGE MASTER will instantly check the dictionary. If the word is found in the dictionary, the display will show the following information:

- The root word.
- The part of speech for the root word.
- Inflected forms of the root word.
- Concise definition(s) of the word.

### Hyphenation Points

The root word and its inflected forms will be shown with HYPERHYPHENATION POINTS, which appear as + on the display. This mark indicates the accepted “end of line” division points for each word. Please note that these points are usually, but not always, the syllabic divisions used in pronunciation; they are, however, standard page break points. For example, the word “apricot” has two pronunciation breaks (for three syllables) but only one page break point (apri-cot).

### Definitions

The LANGUAGE MASTER provides concise definitions of words. When compared to the MERRIAM-WEBSTER NINTH COLLEGIATE DICTIONARY or other full dictionaries, you’ll notice that the definitions contained in the LANGUAGE MASTER may be significantly less descriptive. Nevertheless, you’ll



find that the definitions will convey the information needed to understand the meaning of the word.

When looking up the definition of a word which is also in the thesaurus, we recommend that you use the thesaurus' resources as a supplement to the dictionary. Since the thesaurus provides descriptions of "senses" of a word, it can combine with the dictionary definitions to provide a rather full set of meanings, including shadings of meaning not often found in standard dictionaries.

## THESAURUS

Whenever THES appears in the upper right corner of the display, the LANGUAGE MASTER is informing you that the word is included in the thesaurus.

Pressing the T key automatically enters the LANGUAGE MASTER'S thesaurus.

The thesaurus will provide you with the following:

- The part of speech of the word.
- A complete set of descriptions for each "sense" of the word for which synonyms exist.
- Synonyms for each "sense".

You'll notice that many words have multiple "senses" listed. Each different "sense" is preceded by a letter. To obtain synonyms for the sense which best reflects the meaning you wish to convey, simply press the corresponding let-

ter. The LANGUAGE MASTER will instantly return a list of synonyms for that meaning.

If you'd like to return to the complete listing of senses, simply press ← once. If at any time you'd like to go back one stage (i.e., from thesaurus to dictionary, or from dictionary to spell correction) simply press the ← key. To return directly to the word originally entered, just press the ENTER key.

## **Synonyms**

The LANGUAGE MASTER'S thesaurus contains over 35,000 words and over 470,000 synonym returns. This large number of words results from the subtle shadings of meaning required to select the appropriate synonym for many words. Consider, for example, how many different ways the word "run" can be used: to run a line, to have a run of luck, to run for president, to run a company, to run away from home, to run over... There are over 100 synonyms in all for the varied senses of that one word.

Since it is virtually impossible to substitute a word in a sentence without subtly changing its meaning or tone, the use of a thesaurus can significantly improve your writing by helping you find just the right word to express the thought you wish to convey.

## **Altering The Timing Setting**

Most of the preset timing settings can be adjusted to suit your individual preference by simply entering—followed by a letter.

**AUTOMATIC SHUT OFF:** The time delay before the unit automatically shuts itself off can be adjusted by pressing:

“--s” then ENTER. The preset “default” setting is 480 (approximately 2½ minutes). It can be changed from 40 (about 12 seconds) up to 999 (about 5 minutes). Use the ↑ and ↓ keys to change the shut off time.

**CONTINUOUS SCROLL:** The rate at which the display scrolls text can be adjusted by pressing.

“--r” then ENTER. The default setting is 75 (approximately 1/10 of a second for downscrolling). It may be adjusted from 01 (fastest) to 999 (slowest). Remember, the up scrolling is always faster than the down scrolling.

**DELETING LETTERS:** The ← key will delete the last letter entered. If held down, this key will rapidly delete the rest of the letters entered. You can adjust the delay before “multiple deletion” begins by pressing:

“--d” then ENTER. The default setting is 240 and may be adjusted from 01 (fastest) to 999 (slowest).

#### PLEASE NOTE:

The new settings are retained in memory even after the LANGUAGE MASTER is turned off. But removing the batteries will restore the default settings.

## QUICK REFERENCE CHART



Turns unit ON or OFF.



Clears screen and readies display for next entry.



To enter dual words (i.e., run along).



- To delete the last letter(s) typed in on display.
- To revert to previous mode.



Used when THES appears on display, will access thesaurus.



Reviews list of features.



- Adjusts display contrast when READY appears.
- Scrolls through text on display.



- Used to enter unknown letters in initial word entry.
- Will ask LANGUAGE MASTER to provide alternate spellings for valid word on display.



Used to enter a hyphenated word.



Used to return a list of words that begin with word or letters entered on display.



To adjust time delay before automatic shut off.



Adjusts the rate at which display scrolls continuously.



Adjusts the delay before multiple deletion begins.

# FRANKLIN COMPUTER CORPORATION LIMITED WARRANTY

(U.S.A. ONLY)

Franklin Computer Corporation ("Franklin") warrants to the end user that this product will be free from defects in material and workmanship for a period of NINETY (90) DAYS from the date of original retail purchase, as evidenced by sales receipt. On discovery of a defect, the end user must return this product (transportation charges prepaid) either to the dealer from whom it was purchased or directly to Franklin at the address given below. Each product returned must include the end user's name, address, and telephone number, as well as a brief description of the nature of the defect and a copy of the sales receipt as proof of the date of the original retail purchase. Franklin will, at its option, repair or replace any product at no further charge to the end user on determination by Franklin, in its sole discretion, that the product was defective and that such defect arose within the duration of this limited warranty.

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This warranty applies only to products manufactured by or for Franklin. Batteries, corrosion of battery contacts and any damage caused by batteries are not covered by this warranty.

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**THE PROXIMITY/MERRIAM-WEBSTER CONCISE ELECTRONIC LEXICON**

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