

TAS-SPELL

8000

THE SPELLING CHECKER

A TASMAN SOFTWARE PROGRAM
FOR THE AMSTRAD PCW 8256 AND 8512

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TAS-SPELL 8000

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Introduction

TAS-SPELL 8000 consists of a set of three spelling checker programs for the Amstrad PCW 8256 and 8512 computers. One program works in conjunction with TASWORD 8000 on a PCW 8256, and another works with TASWORD 8000 on a PCW 8512. The third program is independent of Tasword and checks the spelling of standard ASCII files produced by Locoscript and other word processors and programs.

The program has a dictionary of more than twenty thousand words. Users can add words to the dictionary. The program works by comparing each word in the text with the dictionary. Any word which appears in the text but cannot be found in the dictionary is presented to the user who can then decide what action to take.

Despite the size of the dictionary supplied on the TAS-SPELL disc it is inevitable that there will be omissions in the dictionary. Tasman Software regrets any omissions of common words. Please remember that it is very easy to add words to the dictionary.

The Program Disc

THERE ARE DIFFERENT PROGRAMS ON EACH SIDE OF THE PROGRAM DISC.

Side 'A' of the program disc contains the TAS-SPELL 8000 program for use with TASWORD 8000 on the PCW 8256. Side 'A' of the program disc also contains the free standing spelling checker for use with ASCII files produced by any word processor or program.

Side 'B' of the program disc contains the TAS-SPELL 8000 program for use with Tasword 8000 on the PCW 8512. This program uses the additional memory on the 8512 and can be used by 8256 owners who have upgraded the memory to 512K.

You should copy the relevant side of the program disc onto a blank disc and use that disc as your working copy of the program. Use the CP/M Plus DISCKIT program to copy the TAS-SPELL 8000 disc. Keep the original TAS-SPELL 8000 disc as a back-up copy.

Your working copy of the TAS-SPELL 8000 disc must be write enabled. If it is write protected then the program will not work.

Loading TAS-SPELL

(1) TASWORD 8000 and PCW 8256

With TASWORD 8000 on a PCW 8256 load and use TASWORD in the normal way. When you want to check the spelling of the words in your text file press EXIT to reach the TASWORD main menu and select the check spelling option by pressing **K**. The program will then prompt you to put your TAS-SPELL disc into the drive. Put your copy of side 'A' of the program disc into the drive and press RETURN.

Do not remove your TAS-SPELL disc until you have finished the spelling check and have returned to the Tasword main menu.

TAS-SPELL 8000

(2) TASWORD 8000 and PCW 8512

With TASWORD 8000 on a PCW 8512 you must load TAS-SPELL before loading TASWORD. To load TAS-SPELL put your copy of side 'B' of the program disc into the drive and type:

SPELLER

and press **RETURN**. When the CP/M prompt re-appears remove your TAS-SPELL disc, insert a TASWORD disc, and load TASWORD in the normal way. When you want to check the spelling of the words in your text file press **EXIT** to reach the TASWORD main menu and select the check spelling option by pressing **K**.

On the 8512 TAS-SPELL is kept in memory for greater speed. It is only necessary to put your TAS-SPELL disc into the drive if you have made the program learn some new words. The program will then give you the option of saving the new dictionary and will prompt you to insert your TAS-SPELL disc if you want the new dictionary saved.

(3) Without TASWORD

To use the free-standing program put your copy of side 'A' of the program disc into the drive. Type **CHECK** followed by a space and then the name of the ASCII file that you have on a disc and whose spelling you want to check. If, for example, the file is called **LETTER.TXT** then type:

CHECK LETTER.TXT

The TAS-SPELL Menu

When a TAS-SPELL program is loaded the following menu is displayed:

ENTER	to begin spelling check
STOP	to abandon spelling check
DEL	to delete word from dictionary
B	to change Bell
P	to change Printer
N	to change Number trapping
S	to change Single letter trapping
J	to change auto re-Justify

Beginning the Spelling Check

The letter key options on the TAS-SPELL menu can be used to specify various program facilities which are described below. The spelling check proper is started by pressing the **ENTER** key. The next section, 'Using TAS-SPELL', describes what happens when unrecognised words are found.

Leaving the Spelling Check

When the TAS-SPELL menu is showing, press **STOP** to exit from the spelling check. If the program is being used in conjunction with TASWORD then the TASWORD main menu is returned to, allowing, for example, the corrected text to be saved or printed. With the free-standing program the corrected text file is saved to disc and an exit is made to CP/M.

The Delete Word Option

This option allows words to be deleted from the dictionary. When this option is selected the program prompts you to type in the word that you wish to be deleted. The program will then search the dictionary for the specified word and remove it. This option is provided so that mis-spelt words which have been accidentally added to the dictionary can be removed.

The Bell Option

When the bell option is On the computer beeps whenever it finds an unrecognised word during the course of a spelling check.

The Printer Option

When the printer option is On all words that are not recognised are sent to the printer along with the line and column number of their position in the text file.

When the printer option is Off TAS-SPELL shows on the screen each word that it does not recognise and asks you whether you want the program to Learn, Ignore, or Change the word. These options are described in the next section.

For short documents such as one page letters it is probably best to use TAS-SPELL with the printer option Off and to attend to unrecognised words as and when TAS-SPELL finds them. With very long text files the spelling check will take some time, and you may prefer to have the printer option On to obtain a printed list of unrecognised words, which you can then consult while correcting your text using your word processor.

The Number Trapping Option

When number trapping is Off any number or any word containing numbers will be ignored by the spelling checker. When number trapping is On numbers will be ignored but words including numbers will be identified as unrecognised words.

The Single Letter Trapping Option

When single letter trapping is Off the program will not show single letters as being mis-spelt. This is useful when single letters have been used to number sections or paragraphs in a document. When single letter trapping is On the program will flag single letters (other than a and i) as unrecognised words.

The Auto Rejustify Option

This option is available in the two TASWORD spelling checkers but is not available in the free standing CHECK spelling checker.

When auto rejustify is On and a mis-spelt word is changed or corrected, then the paragraph containing the word is automatically rejustified to accommodate the different length of the changed word. The rejustification is to the current Tasword margin settings. Do not use auto rejustify if you have typed different parts of your text with different margin settings.

With auto rejustify Off TAS-SPELL gives you the option of rejustifying a paragraph whenever you change a word.

Using TAS-SPELL

Using TAS-SPELL with the printer option On is straightforward in that a list of unrecognised words is produced on the printer as described in the previous section. This section describes the options that are available when the printer option is Off.

When the printer option is Off and TAS-SPELL finds a word that it does not recognise, part of the text that includes the word is shown in a window near the top of the screen. The unrecognised word is highlighted in the window and is also stated below the window. Showing part of the text that includes the word reminds you of the context in which the word has been used. End of line, printer control, and foreign characters in the text are shown in the window as underscore characters.

The following options are displayed when an unrecognised word is found:

- L** to learn word.
- C** to change word.
- I** to ignore word.

One of the three keys **L**, **C**, or **I** must be pressed and the effect of each is described below. Alternatively the **STOP** key can be pressed to abandon the spelling check and return to the TAS-SPELL menu.

Learn Word

When an unrecognised word is identified because it is not in the dictionary even though it is correctly spelt you may wish to add it to the dictionary. To do this press **L**. In this way the dictionary is customised to your own application and in time such instances will become less frequent.

Change Word

When an unrecognised word is identified because it is mis-spelt you may wish to correct it. To do this press **C**. TAS-SPELL then prompts you to enter the replacement word. Type the word and press **ENTER**. You will then be prompted to press one of the following keys:

- COPY** to change throughout.
- ENTER** to change once.
- STOP** to re-specify.

If **COPY** is pressed then every occurrence of the unrecognised word in the text will be replaced with the word that has just been entered. This is useful for correcting the spelling of words that have been consistently mis-spelt.

Press **ENTER** to replace just the flagged mis-spelt word with the new word that has been entered.

Press **STOP** to abandon the replacement and return to the learn, change, or ignore set of options.

If **COPY** or **ENTER** has been specified in order to replace a mis-spelt word, then the final option:

Re-justify to current margins? (Y/N)

appears. Press **Y** if you require the paragraph containing the replaced word to be rejustified. If the auto-rejustify option is on this option is not given and the paragraph is rejustified automatically. This final option is only available with the Tasword spelling checkers and not with the free standing checker.

Ignore Word

Sometimes you will wish to retain an unrecognised word without adding it to the dictionary. To do this press **I**. The option is then given to press **ENTER** to ignore just the current occurrence of the word or **COPY** to ignore every occurrence in the text of the unrecognised word.

Additional Information

Punctuation Characters

Hyphens and apostrophes are treated in the same way as normal letters. All other punctuation characters are ignored by the program.

ASCII Files

The definition of an ASCII file is a file which contains just the codes in the range 32 to 127 corresponding to ASCII characters, together with carriage return and linefeed codes, and which does not contain any embedded control code sequences. Most word processors either produce ASCII files or are capable of producing ASCII files as an option.

Locoscript Files

The free-standing CHECK program checks the spelling of standard ASCII files. To create an ASCII file from a Locoscript file press **f7** to select the Modes option from the Disc management menu. Then select the 'Make ASCII file' sub-option.

Starting a New Dictionary from Scratch

It may be convenient, for very specialised applications, to start a new dictionary that, to begin with, contains no words. Such a dictionary can be created for the free-standing and 8256 spelling checkers but not for the 8512 program. To create an empty dictionary erase all the files with the extension TOK from your copy of the program disc by executing, from CP/M:

ERA * . TOK

When this disc is next used for a spelling check the program will keep stopping and reporting that it cannot find the next segment of the dictionary. It will ask you if you wish to create a new file. Each time that it does this respond in the affirmative to create a new but empty dictionary segment.

