

INTER-WORD MANUAL SUPPLEMENT

IMPORTANT NOTE

The INTER-WORD chip is not just a normal ROM. The device supplied is a 'hybrid' 32K chip. However, as far as the user is concerned, it should be treated as a standard chip, fitting into any normal ROM socket. The small 'carrier board' underneath the chip is an integral part of the device. THE CHIP MUST NEVER BE REMOVED FROM ITS CARRIER. Re-insertion of a removed chip is not possible and the ROM without the carrier cannot function. The integral chip carrier has strong steel pins; note that one of these pins is deliberately removed during manufacture - PLEASE DO NOT SEND IT BACK AS DAMAGED!

Since completion of the INTER-WORD manual, several minor enhancements have been made to the ROM. These are detailed below, together with clarification, where necessary, of descriptions given in the manual. Few of the notes will make sense before reading the manual.

Marked sections

- (1) Users should note that although no single function key is provided to move a marked section to the cursor position, this can of course be achieved by pressing f9 followed by f8.
- (2) Pressing CTRL-R may be used to remove markers.
- (3) When text is moved or copied, any highlights turned on prior to the start of the marked section will be ignored.
- (4) When one marker has been inserted into the text the cursor will blink much faster than usual. This serves as a reminder that a second marker has yet to be placed.
- (5) Any embedded codes which occur prior to a marked section will be sent to the printer even when just the marked section is printed.

Deleting

- (1) It is possible to delete all text in the current package by pressing CTRL-X to mark all text, then pressing f8 to delete the marked region. This method will not delete any heading or footing definitions, nor will it reset any of the menu options to their default settings. This may be an advantage in some cases and a disadvantage in others. Using the :CANCEL command from edit mode and re-entering INTER-WORD will reset everything.
- (2) Whenever a ruler, force new page or conditional page embedded command is inserted, a RETURN character is also inserted to ensure that it starts on a new line. It is a necessary part of the embedded command and cannot be deleted. If the ruler or page command is subsequently deleted, its RETURN character is deleted at the same time.

Continuous text (paging turned off)

- (1) When the on-screen pagination is turned off, the top space, bottom space, and page breaks are no longer shown on-screen or printed. However, internally INTER-WORD still maintains the paging system. This means that any 'force new page' or 'conditional page' embedded commands will still act as if paging were on. If line numbering is turned on, this too will show the line number on the 'hidden' page. All of these features permit the user to disable paging during editing in order to hide large top and bottom space gaps, whilst still maintaining temporarily hidden pagination.

Menus

- (1) Although not explicitly stated in the manual, the standard way to exit any of the drop-down edit mode menus is to press the ESCAPE key. It is now possible to access any of the nine sub-menus directly by pressing CTRL-function key, rather than having to go through the status menu.

Printing and previewing

- (1) Pressing the BREAK key whilst printing or previewing is liable to corrupt all packages in memory. Always use the ESCAPE key if it is

necessary to stop printing or previewing prematurely.

- (2) When printing or previewing a marked section of text only, it is not possible to see multiple columns.
- (3) The screen mode set in the preference menu is selected during print and preview options.
- (4) Holding the SHIFT key will 'hold' the screen display at the current line until released. A single press of the SPACE BAR will hold the display until pressed a second time.

Printer setup menu

- (1) The option to set serial baud rate, shown in the manual as part of the printer setup menu is no longer implemented. If the baud rate needs to be set, use the *FX8 command, described in the BBC User Guide.
- (2) The 'Save control codes' option shown in the manual as part of the printer setup menu has been transferred to the control codes menu.

: Colon commands

- (1) There is a 255 character limit on the :GETCHAR command.
- (2) The :GETTEXT command leaves the ROM-LINK pointer after the end of the text, as would be expected. The :GETTO command leaves the ROM-LINK pointer after the specified string.
- (3) Entering a package re-sets its ROM-LINK pointer to the top.
- (4) By default, colon commands which import data will strip off any control codes. This means that any highlights, text alignments, rulers, etc. will be removed when text is imported from another package. Alternatively, following a command with (C), which stands for "Codes" will import text WITH control codes. For example:
:IW.1:GETTEXT (C)

Multi-file documents

- (1) It may not be sufficiently clear from the manual that pressing SHIFT-<up> or SHIFT-<down> twice consecutively is the simplest way to move to the previous or following file respectively.
- (2) Because the page layout options are global across all files, it is only possible to make changes whilst in the first file. For this reason, the page layout menu is not even accessible whilst in multi-file mode, unless on the first file.
- (3) It is not possible to use the 'multiple-column' feature whilst in multi-file mode.
- (4) During multi-file operation the last 'Force new page' command in each file is ignored. This is so that when one file ends on, say, line 20 the following file will automatically start on line 21 of the same page. When it is necessary to start a completely new page, for example at the start of a new chapter, a 'Force new page' embedded command should be inserted at the start of the new file.
- (5) Multi-file printing will always start with the current file in the list. So in order to print the entire document it is necessary to move to the first file, prior to selection of the 'Print document' option. There is no preview document option although this can easily be achieved by setting the printer type to 'none' (printer setup menu) prior to using the 'Print document' option.
- (6) The file list shows the start page number of each file to the right of its filename on the file list.
- (7) When moving down the file list, the name of the file currently being processed on the way to the destination file is highlighted.

Search/Replace

- (1) The string of characters entered for the quick 'Go to' operation, CTRL-G, is stored for re-use. Pressing CTRL-Q will move the cursor to the next occurrence of the string, or generate a "Not found" message if there are no more occurrences below the cursor. For example, pressing CTRL-G and defining the search string as !E makes CTRL-Q a simple way to move to the next ruler in the text. See below for special codes.

- (2) The CTRL-G search string may include special characters representing INTER-WORD's hidden internal codes. These symbols all consist of the double-bar character (:) followed by a single capital letter. They are as follows:

:A	Force new page	:B	Conditional page
:E	Ruler	:I	Tab character
:J	Single Marker	:K	Bold start
:L	Underline Start	:M	Carriage return
:N	Dotted start	:O	Marked section start
:P	Centered text start	:Q	Right aligned start
:R	Justified text start	:S	Bold end
:T	Underline End	:U	Dotted End
:V	Marked section end	:W	Centered text end
:X	Right aligned end	:Y	Justified text end
:Z	Change heading number	:\	Change footing number
:^	Embedded *, :, or code		

- (3) When using the search and replace function (not CTRL-G or CTRL-Q) with 'case sensitivity' turned OFF, characters in the replacement strings follow the case of the original being replaced. For example, if the search string entered is 'the' and the replacement string is 'abc', a word in the text 'The' would be replaced with 'Abc', whilst a word in the text 'the' would be replaced with 'abc'.

Loading

- (1) When using an ADFS, it is necessary to initialise the discs before attempting to load or save. This can be done simply by cataloguing the disc. A "Bad FS map" error message results if this is not done.
- (2) Contrary to what the manual states, if a file is loaded which was not originally saved with option-1, the current menu settings (page layout, preferences, etc.) are retained.
- (3) When loading files produced on Wordwise or Wordwise Plus, it is vital to strip ALL embedded commands first. This can be done manually from within Wordwise/Plus but is rather tedious if there are many to remove. The BASIC program listing below should be used to convert files before loading into INTER-WORD. The program should be entered in BASIC and saved for later use. Type RUN and press RETURN to start the program once entered. NOTE: this program may be used, with line 140 removed, in order to prepare files from other sources for loading into INTER-WORD.

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10 REM Program to convert WORDWISE or WORDWISE PLUS files into
20 REM INTER-WORD readable format. Computer Concepts, July 1986.
30 CLOSE#0
40 INPUT"Name of file to convert ";S$
50 S%=OPENIN S$
60 IF S%=0 THEN PRINT"FILE NOT FOUND !":VDU7:END
70 D%=OPENOUT"IWFILE"
80 PRINT"Working...";
90 REPEAT
100 C%=BGET#S$
110 IF C%>31 AND C%<127 THEN BPUT#D%,C%
120 IF C%=&DD OR C%=9 THEN BPUT#D%,9
130 IF C%=13 THEN BPUT#D%,13
140 IF C%=2 THEN PROCembcom
150 UNTIL EOF#S$
160 PRINT"Finished."
170 CLOSE#S% : CLOSE#D%
180 PRINT"Converted file is called ""IWFILE""
190END
200 DEFPROCembcom
210 REPEAT
220 C%=BGET#S$
230 UNTIL (C%=7 OR C%=13) OR EOF#S$
240 ENDPROC

```

Rulers

- (1) The right margin indicator appears to be one position beyond the end of the line. This is in fact correct, because it is above the space which occurs at the end of every line.
- (2) Whenever a ruler is inserted in the text with function key f2, the inserted ruler is a copy of the first ruler at the top of text. If no ruler exists at the top of text then the default ruler is inserted.

*KEY function key programming

Using special codes to represent function keys, cursor keys, etc. it is possible to program useful tasks into SHIFT-CTRL function keys. The following table shows all of the codes necessary for the keys which may be useful. The codes follow the normal operating system convention. Note that: <left>, <right>, <down>, <up> in the table below represent the cursor keys.

f0	!!<space>	<left>	!!,	CTRL-A	!A
f1	!!!	<right>	!!-	CTRL-D	!D
f2	!!"	<down>	!!.	CTRL-F	!F
f3	!!#	<up>	!!/	CTRL-G	!G
f4	!!\$	SHIFT <left>	!!!L	CTRL-L	!L
f5	!!%	SHIFT <right>	!!!M	CTRL-N	!N
f6	!!&	SHIFT <down>	!!!N	CTRL-P	!P
f7	!!'	SHIFT <up>	!!!O	CTRL-Q	!Q
f8	!!(CTRL <left>	!!!\	CTRL-R	!R
f9	!!)	CTRL <right>	!!!}	CTRL-S	!S
TAB	!!I	CTRL <down>	!!!^	CTRL-X	!X
RETURN	!M	CTRL <up>	!!!_	CTRL-Z	!Z
ESCAPE	!![DELETE	!?	COPY	!+

Cross-hatching in edit mode

- (1) The cross hatched areas seen in edit mode represent the unused portion of a page. These areas always occur at the end of text to fill to the bottom of the page, and also when a 'force new page' or 'conditional page' embedded command would leave a page incomplete.

Spooling

- (1) Pages 36 and 55 of the Reference manual describe use of a 'Spool with codes' option in the printer setup menu. This was found to be an inappropriate place for the option which has now been removed from that menu. Instead, the user is prompted 'With codes? (Y/N)' when the spool option is selected from the main menu.

Cursor blink rate (Manual p.22)

- (1) This option has been removed completely.

Start page number (Page layout menu)

- (1) This new option has been added to the page layout menu since completion of the manual. It allows page numbering to start from a specified value. For example, if the value is set to 20, the first page will be numbered 20, the second as 21, and so on.

The INTER-WORD manual is continually being revised. Users' comments on mistakes, omissions, required further information etc. are welcomed. However, please keep comments as brief as possible.

A disc containing example text, page layouts, etc. is to be made available for those who require it. Please contact Computer Concepts for details of price and availability.