COMPANION

USER GUIDE FOR
AMSTRAD
PCW 8256/8512

CONTENTS

1 INTRODUCTION

1.1 Welcome to Companion

COMPANION is a desktop organiser that allows you access to a Calculator, Clock, Notepad, Desk utilities, Phonebook, Diary and Calendar all at the press of a key. The most remarkable thing about these features is that they are available at any time, even whilst you are using another program.

1.2 What's included

Included within this package you should find the following:

1) One Amstrad PCW 3" floppy disk containing the programs

2) This manual.

1.3 About the User Guide

The COMPANION User Guide contains all the information required to install and use the associated program.

The guide is divided into several sections, each one describing the use of a particular application. Experienced computer users may only wish to read the sections about installing and removing COMPANION and then refer to the Quick Reference Guide located at the back of the manual. Other users will hopefully find that the amount of time spent in referring to the User Guide will rapidly decrease to zero as they become familiar with the program. All users should read section 9, General Information, as this may prevent hours of frustration.

2 GETTING STARTED

2.1 Making a backup

Before you do anything else it is essential that you make a backup copy of the enclosed disc. This backup will then act as your work disc.

To make a backup use the following procedure:

1) Load CF/M as described in the user guide to CF/M that came with your system.

2) Type 'diskit' to load the PCW disc format/copy program as described in your CP/M user guide. Use DISKIT to format both sides of a blank floppy discette in drive A.

3) Use DISKIT to copy both sides of the enclosed program disc to your blank disc. This disc is now ready for use as your work disc.

4) Label your work disc in the same way as the companion master disc is labelled.

If at any time your work disc is accidentally erased you may make another copy from the original disc. Note however that you may not make multiple copies of the program disc nor make copies for other than your own personal use.

2.2 Installing the program

To install COMPANION in your computer:

1) Insert your work disc into disc drive A, side A to the left.

2) At the A> prompt type 'install' and press RETURN.

3) After a few seconds a message will appear confirming that COMPANION is resident.

COMPANION is now installed and is ready to be used. After installation it is wise to start COMPANION, using the procedure given below, even if you do not intend to use it immediately, this is so COMPANION can reserve space on the RAM disc before you use it for any other purpose.

2.3 Starting the program

To access the functions available from COMPANION simply hold down the EXTRA key on your PCW's keyboard and press the P key once. After a short pause the COMPANION main menu will appear in the top left hand corner of the screen. Although it may often be possible to do so, we strongly recommend that you do not access COMPANION while the disc drives are operating as unusual effects may occur.

2.4 Using the menu's

All menu's within COMPANION operate using the same system. To select a function from a COMPANION menu simply press ↓ (the down arrow) to move the highlight bar down the list. Pressing ↓ when the bar is over the last choice on the menu will cause it to move to the top of the menu. When the bar is over the selection you wish to make press the ENTER or RETURN keys. Neither the down arrow key nor ENTER will respond correctly if SHIFT, ALT or EXTRA are held down or whilst the SHIFT LOCK is on (red light is lit).

2.5 Resident vs non-resident applications

COMPANION contains two types of application, resident and non-resident.

Resident applications are held in the memory of the computer (on RAM disc-drive M:) at all times when COMPANION is active, they are the

CALCULATOR, CLOCK, and DOS functions. When a resident application is selected from the main menu it starts instantly.

Non-resident applications are held on your work disc, they are NOTEPAD, PHONEBOOK and DIARY. When a non-resident application is selected, a prompt to insert side A of the COMPANION disc (or your work disc if you have followed the procedure for making a backup as given above) in drive A will appear. After inserting the disc and pressing a key COMPANION will load the application selected. Once the application is running you should not remove your work disc or data disc from drive A, unless prompted to do so, until the main menu reappears on the screen. Note that in all non-resident applications the numeric keypad at the right hand end of the keyboard is defined to allow the use of the cursor keys to move around the screen and may not therefore be used for entering numeric data.

To return to the main menu from a resident application simply press EXIT and the main menu will be displayed. To return from a non-resident application press EXIT and wait until the main menu reappears before removing your work disc from drive A.

2.6 Leaving the program

To leave COMPANION and return to whatever program you were previously using hold down EXTRA and press P. This will return to your program at any time during execution of a resident application or when the main menu is displayed. To return to your program during execution of a non-resident application you will need to return to the main menu by pressing EXIT before using EXTRA and P as above to leave COMPANION.

2.7 Removing the program from memory

To remove COMPANION from memory and recover the memory it uses:

1) Leave any program you are running and return to CP/M.

2) Select drive A if you are using another drive.

3) Insert side A of your work disc into drive A.

4) Type 'remove' and press RETURN.

A message informing you that COMPANION has been removed will be displayed. To re-install COMPANION follow the instructions given in section 2.3.

3 CALCULATOR

The calculator provided with COMPANION is based on a standard four function desktop calculator with a memory facility.

3.1 Keyboard layout

Whilst the calculator is displayed the keyboard of your 8256/8512 functions on a slightly different way to normal. If you study the on screen display of the calculator you will notice that it contains five rows of buttons, each row having four keys. The keyboard of your computer has been redefined so that the right hand end exactly mimics the onscreen display, in addition the # key allows you to change the sign of the number currently displayed. Thus the keys perform the following functions:

CAN	C	clears the calculator display
CUT	%	percentage function
COPY	M	memory
PASTE	R	memory recall
f7/f8	/	divide
EXCH/FIND/7	7	
DOC/PAGE/8	8	
UNIT/PARA/9	9	
f5/f6	X	multiply
LINE/EOL/4	4	
f/5	5	
WORD/CHAR/6	6	
f3/f4	—	subtract
</1	1	
# /2	2	
>/3	3	
f1/f2	+	add
RELAY/0	0	
↓/.	.	decimal point
ENTER	=	equals
#/>	±	change sign

In addition each of these functions can be obtained by using the appropriate keys on the main keyboard. Note that the keys defined as above may not give the required character if any of SHIFT, ALT or EXTRA are held down whilst the required key is pressed, nor will they if SHIFT LOCK is on (ie. the red SHIFT LOCK light is lit).

3.2 Functions available

The COMPANION calculator has been designed so that it mimics as closely as possible an ordinary four function calculator. For example:

To add 47.6 to 3.2: type in 47.6 + 3.2 = and the calculator will display the answer '50.8'.

Pressing M (COPY) will store the currently displayed number in memory and will indicate that it has done so by displaying 'm' underneath the left hand end of the calculator display. Pressing R (PASTE) will restore that number for use in your calculations but will leave it in memory until you replace it with another number or leave the calculator. Suppose you have stored the number 50.8 in memory and then cleared the display. To subtract 50.8 from another number (300.8 say) you would type 300.8 - R = and the calculator would display the answer '250'.

The % key allows calculation of percentages, e.g. to find 10% of 97 type 97 x 10% = and the calculator will display '9.7'.

3.3 Leaving the calculator

To leave the calculator and return to the main menu press EXIT at any time.

To leave the calculator and return to your current program hold down EXTRA and press P.

4 CLOCK

The clock facility allows you to display an onscreen real time clock or timer.

4.1 Turning the clock on

To turn the clock on simply select 'Check On' from the clock menu. The clock will be displayed at the lower left corner of the screen. If you have not set the time then the time that has elapsed since the computer was switched on will be displayed. After selection the clock menu will be redisplayed.

4.2 Turning the clock off

To turn the clock off select 'Clock Off' from the clock menu. After selection the clock menu wil be redisplayed.

4.3 Setting the time

Selecting this function from the clock menu causes the message:

Enter Time
(hh:mm:ss)

to be displayed, and a cursor to appear. At this point the program is waiting for you to enter a time in the format:

hours:minutes:seconds

This is a 24 hour clock so hours can be 0-23. The program will only accept valid characters at each position. An incorrect character will cause the program to redisplay the prompt for re-entry of the character. To abort time entry press EXIT and you will return to the clock menu. After entering a valid time you will be retunred to the clock menu.

To use the clock as a timer simply set the time to 00:00:00.

4.4 Leaving the clock

To leave the clock and return to the main menu press EXIT at any time.

To leave the calculator and return to your current program hold down EXTRA and press P.

5 DOS

The DOS facilities built into COMPANION are intended to provide normal DOS functions which are not normally obtainable from within progams.

5.1 Finding free space

This function will allow you to determine the amount of space you have left on each disc. In operation it is similar to the CP/M SHOW function except that it is more accurate (SHOW does not always detect disc changes). After selection the free space on each drive in the system will be displayed if you have a single drive PCW 8256 you will see the message 'Please put the disc for B: into the drive and press any key', at this point you may either:

a) Insert another disc into drive A in order to find its free space, and press a key

or

b) Press a key without changing discs, the free space on this disc will then be displayed again.

After displaying free space the program waits for you to press a key, upon doing this you will be returned to the DOS menu.

5.2 Listing Directories

Selecting 'Directory' function will cause the messge:

Directory—Drive:

to appear. Type a letter corresponding to the drive you wish to look at and the program will display the directory of that drive. If the disc contains too much directory information for one window to hold then the program will fill a window and prompt for a key to be pressed before displaying the rest of the information. If you press EXIT at any stage you will return to the main menu. If there is no directory information for the drive you have selected then the message 'No File' will appear. After displaying the directory the program waits for you to press a key and then returns to the DOS menu.

5.3 Viewing files

Selecting 'View File' will display the prompt:

Filename:

typing in a filename and pressing RETURN will cause that file to be displayed in the COMPANION window. You may include a drive specifier in the filename, e.g. a:read me, if you wish to view a file from a drive other than the currently selected one. If the file you selected does not exist then the program will display 'No File' and wait for a key before returning to the main menu. If the file selected contains too much text for one window then the program will stop after displaying a window full of text and prompt for a key to be pressed before displaying the next. At the end of the file pressing a key will return you to the DOS menu as will EXIT at any stage.

5.4 Leaving DOS

To leave the DOS facilities and return to the main menu press EXIT at any time.

To leave the DOS facilities and return to your current program hold down EXTRA and press P.

6 NOTEPAD

The notepad allows you to use the computer to remember information which you might otherwise have consigned to scraps of paper lying about your office The notepad information is saved on disc and so can be recalled at anytime.

6.1 Starting the notepad

Select 'Notepad' from the main menu and you will see a prompt:

Insert side A of COMPANION
in drive A: and press a key

Insert side A of your work disc into drive A: then press a key, COMPANION will then inform you that it is loading the Notepad. If COMPANION cannot find the notepad application it will redisplay the main menu.

After loading the Notepad will display the following prompt:

Filename:notes

To load the default set of notes from your work disc simply press RETURN at this point and the notes will be loaded. To load an alternative set of notes type the name of the notes that you wish to use as the prompt and press RETURN.

If you have chosen an alternative set of notes the message:

Insert disc with <name>
into drive A and press a key

(where <name> refers to the name that you just typed in) will be displayed. Insert the disc containing the set of notes you wish to use into drive A and press a key. The notepad will attempt to load the notes requested, if it fails it will notify you and ask you to press a key, if you have side A of the COMPANION disc (or your work disc) in drive A at this point then the main menu will be redisplayed otherwise the Notepad application will be restarted.

6.2 Entering text

On entering the notepad for the first time you will see a blank window with a cursor at the top left corner. Simply typing will enter text into the notepad at the cursor. If there is already text at the position you are typing you will overwrite it with the new text. Pressing RETURN will cause the cursor to move to the start of the next line.

6.3 Moving around the notepad

The notepad uses Wordstar™ style cursor commands for movement around the text. it is also possible to use the cursor keys on the PCW keyboard. In addition there is the facility to go to any of the 25 pages of the notepad directly. The cursor movement commands are:

ALT-S   Move cursor one character left. The left cursor key on the
          numeric pad has the same effect. (ALT-S means hold
          down ALT and press S).

ALT-D	Or cursor right. Move cursor one character right.
ALT-E	Or cursor up. Move cursor one line up.
ALT-X	Or cursor down. Move cursor one line down.
ALT-A	Move cursor back one word.
ALT-F	Move cursor forward one word.
ALT-C	Or STOP. Goes to next page of notepad.
ALT-R	Goes to previous page.
ALT-G	Displays 'Which Page:' prompt. Typing the page number you wish to go to (1-25) followed by RETURN will display that page.

6.4 Locating text

Notepad has the facility to allow you to search for particular occurrences of text. Typing ALT-L will cause the program to display:

Locate:

if you type the text you wish to search for at the prompt and press RETURN the message 'Searching:' will appear and the program will attempt to locate the text specified. If it finds the text it will display the appropriate page and position the cursor at the start of the text. If it doesn't find the text the message 'Not Found: Press a key' will appear. Pressing a key will return you to your position in the file before you began the search.

To search for multiple occurrences of the same piece of text it is not necessary to type the text in several times, instead use ALT-L to search for the first occurrence then press ALT-N to find the next. If you attempt to use ALT-N without first entering some text the message 'No Text: Press a key' will appear. Pressing a key will take you back to the editing facilities.

6.5 Inserting and deleting text

Deleting individual charactes can be accomplished by pressing <DEL which will cause the character to the left of the cursor to be deleted and the cursor will move left one character.

Deleting a line of text is achieved by moving the cursor to the line you wish to delete and pressing ALT-Y. The line will be deleted and all lines below it on the page will be moved up. The bottom line will become blank.

Inserting a line is accomplished by moving the cursor to the line where you wish to insert the new one and typing ALT-V. The text below the cursor line is moved down one line and a line of blanks appears ready to

accept text. Any text scrolled out of the bottom of the window by this procedure will be lost.

Erasing out the currently displayed page can be achieved by typing ALT-].

6.6 Clearing the Notepad

To completely clear the notepad type ALT-U, the prompt:

Clear Notepad (Y/N)

will appear. Typing Y or y will cause the whole of the Notepad to be cleared of text, you will be returned to the beginning of page 1. Typing any other character will abort the clear Notepad command.

6.7 Printing the Current Page

To output the currently displayed paged to the printer type ALT-P.

6.8 Leaving the notepad

To leave the notepad and return to the main COMPANION menu. Press EXIT, the following prompt will appear:

Filename:name

(Where name indicates the name used to load the current set of notes, the name must be not more than 8 characters in length).

To save the notes on the currently inserted disc with the same name used to load it simply press RETURN. To save a new set of notes type in the name to call the new set and press RETURN.

The message:

Insert disc for <name>
into drive A and press a key

will appear. Insert the disc on which you wish to save the new set of notes into drive A and press a key. A new set of notes will be created.

You will then be prompted to insert side A of your COMPANION disc (your work disc if you have made one) into drive A and press a key. COMPANION will then return you to the main menu.

7 PHONEBOOK

The Phonebook application allows you to use your PCW as a Phone/Address book.

7.1 Starting the Phonebook

Select 'Phonebook' from the main menu and you will see the message:

> Insert side A of COMPANION
> in drive A: and press a key

Insert the side A of your work disc into drive A: then press a key, the Phonebook will then load. If COMPANION cannot find the Phonebook application it will redisplay the main menu.

The Phonebook will use the default files supplied on side A of the COMPANION disc. To use an alternative set of files see below.

7.2 How the Phonebook is organised

The phonebook is divided into eight alphabetical sections as follows:

A-B, C-D, E-G, H-K L-M, N-Q, R-S, T-Z

Each section can hold up to fifty entries, each entry consisting of name, address and telephone number.

7.3 Entering text

The Phonebook has two modes of operation. Edit Mode which allows you to edit text and search the Phonebook, and Text Entry Mode which allows you to enter text. On entering the Phonebook you will be in Edit Mode. To get into Text Entry Mode type ALT-T. The title at the top of the page will change to show that you are now in Text Entry Mode. To return to Edit Mode at any time type ALT-T again.

Entering an address and phone number is simply a matter of typing it in. The first character of the entry must be a letter as this will determine whereabouts the entry will be stored within the Phonebook. In Text Entry Mode you have access to the following editing facilities which operate in a similar way to those of the Notepad.

ALT-Y	Delete a line
DEL	Delete a character
RETURN	Move to next line
ALT-S	Cursor left one character
ALT-D	Cursor right one character
ALT-X	Cursor down one line
ALT-E	Cursor up one line
ALT-F	Cursor forward one word

ALT-A	Cursor back one word
ALT-]	Erase all text
ALT-V	Insert line

There is also one further command:

| ALT-I | This causes the current text to be inserted as an entry into the Phonebook. The text is sorted alphabetically and then stored. The Text Entry window is then cleared ready for the next entry. |

7.4 Editing Text

Edit mode is used to edit previously entered text, for instance to alter an address when someone moves. In Edit Mode the Phonebook behaves in a similar fashion to the Notepad with one exception: you are not allowed to edit the first letter of any entry as this would cause the entry to be incorrectly sorted. The following operations are allowed:

ALT-Y	Delete a line—except top line
DEL	Delete a character—except first character
RETURN	Move to next line
ALT-S	Cursor left one character
ALT-D	Cursor right one character
ALT-X	Cursor down one line
ALT-E	Cursor up one line
ALT-F	Cursor forward one word
ALT-A	Cursor back one word
ALT-]	Erase all text in current entry
ALT-V	Insert line
ALT-P	Print current address
ALT-G	Goto letter
ALT-U	Create new phonebook
ALT-C	Go to next address
ALT-R	Go to previous address
ALT-L	Locate text
ALT-N	Locate next occurrence of text
ALT-B	Load an alternative set of Phonebook files

The 'Goto letter' ALT-G facility allows you to go to the first entry beginning with the chosen letter. The following example shows the method used to search for an individual item:

Suppose you have in your Phonebook the names, addresses and phone numbers of several people who work for Acme Inc. but at

present you are interested in obtaining the phone number of just one of these, say Fred. The first option you would take would be to use ALT-G to go to the first entry beginning with the letter A (as you have filed all the Acme employees under their company name), then you would use the ALT-L option to search for occurrences of the text 'Fred' (and if the first Fred was not the one you wanted you would continue searching using ALT-N until you found the correct one).

7.5 Creating a new Phonebook

The create new phonebook option ALT-U allows you to create a new empty phonebook. It will prompt for insertion of a disc for the new phonebook to be created on. If you wish to abort this command press EXIT. Note that this function will erase any phonebook files already on the disc you insert.

7.6 Loading an alternative Phonebook

To load a set of Phonebook files which you have previously created on another disc type ALT-B. You will be prompted to insert the disc required and press a key, the new Phonebook will then be loaded. If the program cannot find a set of Phonebook files on the disc inserted it will prompt to press a key. At this point you should insert side A of the COMPANION disc (your work disc) into drive A and press a key, the main menu will then be reloaded.

7.7 Leaving the Phonebook

When in Edit Mode press EXIT, you will be prompted to insert side A of the COMPANION disc (ie, your work disc) into drive A: and press a key (if you were using the default files then this disc will already be in the drive). Following these instructions will cause the main menu to be reloaded. If COMPANION cannot reload the main menu it will rerun the Phonebook.

8   DIARY & CALENDAR

8.1 Starting the Diary/Calendar

Select 'Diary' from the main menu and you will see the message:

> Insert side B of COMPANION
> in drive A: and press a key

Insert side B of your work disc into drive A: then press a key, the Diary will then load. If COMPANION cannot find the Diary application it will re-display the main menu.

To use a set of Diary files other than the default ones supplied on side E of the COMPANION disc see below.

8.2   Using the Calendar

After loading the Diary/Calendar you will have to use the Calendar to find the date you wish to see in the Diary.

The following screen will be displayed:

    1986   1987

and prompt for a year (note that the years displayed will be different from those given above if you have changed them on the disc you are using—see later on for how to do this). Use the left and right cursor keys to move the highlight onto the year required and pres RETURN or ENTER to make your selection.

The screen will now display:

JAN	FEB	MAR	APR
MAY	JUN	JUL	AUG
SEP	OCT	NOV	DEC

use the cursor keys to highlight the month required and press RETURN or ENTER to select.

The days of the chosen month will now be displayed, use the same procedure as above to select a day.

8.3   Entering and displaying information

The appropriate month's data will now be loaded and the selected day will be displayed for you to enter information about apppointments etc. The Diary operates in a similar way to the Notepad with the following keys being used:

ALT-Y	Delete a line
DEL	Delete a character
RETURN	Move to next line
ALT-S	Cursor left one character
ALT-D	Cursor right one character
ALT-X	Cursor down one line
ALT-E	Cursor up one line
ALT-F	Cursor forward one word
ALT-A	Cursor back one word
ALT-C	Goto next day
ALT-R	Goto previous day

ALT-]	Erase all text for currently displayed day
ALT-V	Insert a line
ALT-P	Print currently displayed day
ALT-G	Goto date
ALT-H	Update year
ALT-L	Locate text
ALT-N	Locate next occurrence of text
ALT-B	Use new set of Diary files

The go to date function ALT-G prompts for a date to be entered in exactly the same way as when the Diary program started (ie, year, month, day) and then displays the chosen day.

8.4 Updating the year

The update year function ALT-H is for use when the first year, of the two available, expires. The function erases all files relating to the first of the two years and replaces them with files for the new year. If you wish to keep a record of your Diary, copy side B: of your work disc to a blank disc using DISCKIT before updating your work disc. This function will ask for confirmation before proceeding.

8.5 Loading an alternative Diary

To load an alternative set of Diary files type ALT-B, you will be prompted to insert the appropriate file disc and press a key. The Calendar will then allow you to selet a date from the years saved on the new disc.

8.6 Leaving the Diary/Calendar

To leave the Diary and return to the main menu press EXIT, the current month's data will be saved and you will be prompted to insert side A: of the COMPANION disc (your work disc) into drive A:. Following these instructions will cause the main menu to be reloaded. If COMPANION cannot reload the main menu it will rerun the Diary.

9   GENERAL INFORMATION

9.1 Memory and disc usage

Once installed COMPANION occupies the following areas and amounts of memory. The section of code that monitors key presses, waiting for the key sequence that calls COMPANION, resides permanently in the TPA (Transition Program Area—the memory where CP/M runs its programs) of the PCW 8256/8512. As the PCW has 61k of TPA and most (if not all)

CP/M programs require much less than this, there should be no conflict with the CP/M applications. The resident applications are stored on the PCW's RAM disc for the program and associated files. This leaves 334k on the PCW 8512 or 76k on the 8256. It may be that some applications which have been configured to use the PCW's RAM disc require more space than this, however at the time of writing we do not know of any. The non-resident programs and associated files are stored entirely on the work disc thus only one disc swap is required to access them and there is no need to keep the work disc in drive A unless you are using it.

9.2 Programs which will not work with COMPANION

Programs which will not work with COMPANION include those that do not run under the CP/M operating system. Such programs include the Locoscript™ word processor supplied with your system and games such as Batman™ by Ocean and Tomahawk™ by Digital Integration.

Other programs which will now work with COMPANION are 'badly behaved' CF/M programs. These are programs which, although they work with CP/M, use some feature of the PCW outside CP/M. Such programs include The Cracker™ by Software Technology Ltd which operates with COMPANION installed while it is running as a spreadsheet but fails if COMPANION is called while it is displaying graphics. This is because The Cracker uses the facilities of the PCW to the full to create its graphics and in so doing interferes with the way that COMPANION operates. COMPANION cannot be called whilst running PCW Disckit because of the way Disckit handles keyboard reading.

Some programs, such as DR Graph™, ask if you wish to erase all RAM disc (drive M:) files when they are installed. If you wish to run COMPANION with these programs then answer no to this question.

9.3 Use with other resident programs

If you intend to use COMPANION in conjunction with other memory resident programs such as the print spooler by MML Systems, COMPANION should be installed before installing other programs. In fact it is usually a good idea to install COMPANION immediately after booting CF/M if you intend a working session with COMPANION present.

9.4 Notes for people who do not read manuals

9.5 Credits and acknowledgements

All programs and manual written by Nik Sen.

The author would like to thank the following people/companies:

S. Walters—whose idea it was in the first place.

Amstrad—who eventually found out enough about the PCW to tell me about it.

MML Systems, Electric Studio, Software Technology Ltd. Newstar, Darrell D... technical support.

Hisoft, Manx Software Systems, Digital Research... the tools for the job.

'Sidekick' is a trademark of Borland International
'Wordstar' is a trademark of MicroPro
'LocoScript' is a trademark of Locomotive Software Ltd
'Batman' is a trademark of DC Comics Inc
'Tomahawk' is a trademark of Digital Integration Ltd
'The Cracker' is a trademark of Software Technology Ltd
'DR Graph' is a trademark of Digital Research Inc.

9.6   Quick Reference Guide

	Key	Function
	EXTRA+P	Access COMPANION
	↓	Move menu bar
	ENTER	Select from menu
	EXIT	Leave application
Notepad:	ALT-S	Cursor left
	ALT-D	Cursor right
	ALT-E	Cursor up
	ALT-X	Cursor down
	ALT-A	Word left
	ALT-F	Word right
	ALT-C	Next page
	ALT-R	Previous page
	ALT-G	Go to page
	ALT-L	Locate text
	ALT-N	Locate next
	ALT-Y	Delete line
	ALT-V	Insert line
	ALT-U	Clear notepad
	ALT-]	Erase Page
	ALT-P	Print Page
Phonebook:		
All modes:	ALT-S	Cursor left
	ALT-D	Cursor right
	ALT-E	Cursor up

	ALT-X	Cursor down
	ALT-A	Word left
	ALT-F	Word right
	ALT-Y	Delete line
	ALT-V	Insert line
	ALT-]	Clear Entry
Edit mode:	ALT-C	Next page
	ALT-R	Previous page
	ALT-G	Goto letter
	ALT-L	Locate text
	ALT-N	Locate next
	ALT-U	Create new Phonebook
	ALT-P	Print Page
	ALT-T	Change to Text Entry Mode
Entry mode:	ALT-T	Change to Edit Mode
	ALT-I	Insert entry into Phonebook
Diary/Calendar	ALT-S	Cursor left
	ALT-D	Cursor right
	ALT-E	Cursor up
	ALT-X	Cursor down
	ALT-A	Word left
	ALT-F	Word right
	ALT-Y	Delete line
	ALT-V	Insert line
	ALT-]	Clear Entry
Edit mode:	ALT-C	Next page
	ALT-R	Previous page
	ALT-G	Goto letter
	ALT-L	Locate text
	ALT-N	Locate next
	ALT-U	Create new Phonebook
	ALT-P	Print Page
	ALT-T	Change to Text Entry Mode
Entry Mode:	ALT-T	Change to Edit Mode
	ALT-I	Insert entry into Phonebook
Diary/Calendar	ALT-S	Cursor left
	ALT-D	Cursor right

ALT-E	Cursor up
ALT-X	Cursor down
ALT-A	Word left
ALT-F	Word right
ALT-C	Next day
ALT-R	Previous day
ALT-G	Go to day
ALT-L	Locate text
ALT-N	Locate next
ALT-Y	Delete line
ALT-V	Insert line
ALT-U	Clear month
ALT-]	Erase day
ALT-P	Print day
ALT-H	Update Year