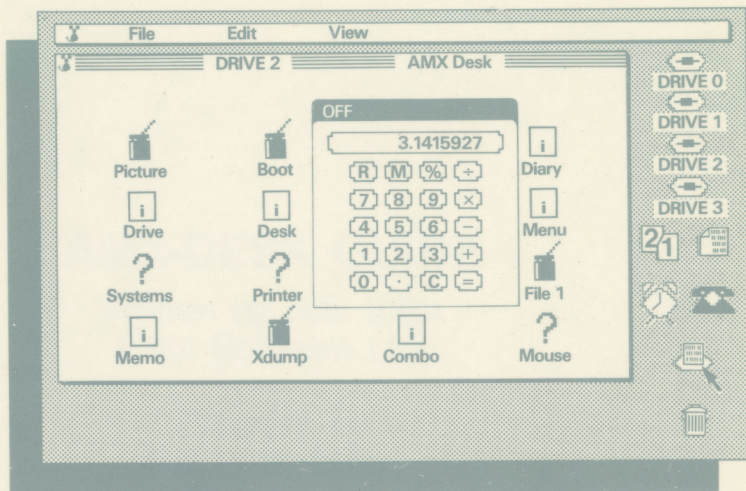
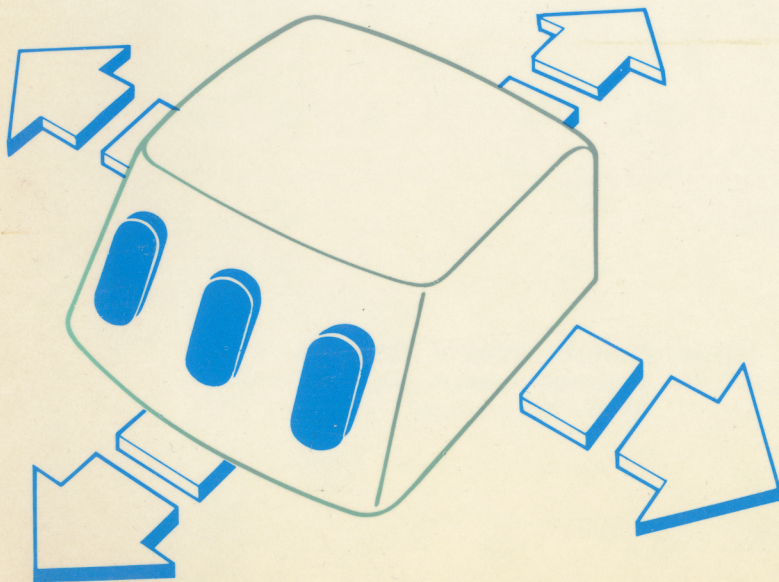


AMX DESK



USERS GUIDE



AMX-DESK GUIDE

Written by D.S. Elliot
Elliot Software Ltd.

Program by
David S. Elliot

©1985 Elliot Software Ltd.

ADVANCED MEMORY SYSTEMS LIMITED
Green Lane, Appleton, Warrington WA4 5NG
Telephone: 0925 62907

CONTENTS	Page
1. THE AMX-DESK DISC	1
2. USING AMX-DESK.....	2
2.1 CONFIGURING THE AMX-DESK DISC.....	2
2.1.1 Creating a new Data File	2
2.1.2 The Set Up Program.....	3
2.2 RUNNING AMX-DESK	4
2. THE AMX-DESK TOP	6
3.1 FILE TYPES	7
3.1.1 System Files	7
3.1.2 Fill Patterns.....	7
3.1.3 Icon Files	7
3.1.4 Picture Files.....	7
3.1.5 Memo Pad Files.....	7
3.1.6 BASIC Programs	8
3.1.7 Text Files.....	8
3.1.8 Machine Code Files.....	8
3.2 THE PULL-DOWN MENUS.....	8
3.2.1 The Mouse Menu.....	9
3.2.2 The File Menu	10
3.2.3 The Edit Menu	11
3.2.4 Special Menus	12
4. THE DESK DIARY.....	14
5. THE MEMO PAD	16
5.1 EDITING FACILITIES.....	17
5.1.1 The Edit Menu	17
5.1.2 The Opening Menu	18
6. THE TELEPHONE/ADDRESS BOOK.....	20
7. USING PICTURES IN DOCUMENTS	22
7.1 USING PICTURES IN VIEW	22
7.2 USING PICTURES IN WORDWISE PLUS	23
Appendix A Using The Mouse In Vie/Wordwise Plus	24

1. THE AMX-DESK DISC

WARNING:

The AMX-DESK software and Manual for the BBC Computer is published by Advanced Memory Systems Limited (AMS), AMS and Elliot Software Limited can accept no responsibility for errors and/omissions in the software and/manual and cannot be held responsible for consequential damages arising out of any errors or omissions on their part.

AMX-DESK is specially created for owners of the AMX Mouse package and is only useable on disc-based systems. The AMX Mouse and AMX ROM must be installed in the computer when running AMX-DESK. Two versions of the AMX-DESK program are supplied, a standard BBC version on side 0, and an 80 track 6502 second processor version on side 2. The second processor version has the advantage of greater speed and the Calculator overlay facility is available at all times.

The AMX-DESK disc is recorded in **40 TRACK** format, and 40 track disc users should back up their disc to a newly formatted disc by use of the **DFS "** BACKUP"** command. Users of 80 track disc drives must copy their disc to a formatted 80-track disc by CHAINing a special conversion program on the disc (see 2. below).

The programs contained on the disc include the AMX-DESK suite, which allows a "desktop" environment to be created on your standard BBC computer in the manner of larger business computers. Facilities are made available to catalogue discs in standard or Icon format, load and run BASIC and machine code programs simply by use of the Mouse buttons, use an on-screen calculator, refer to a desk diary, consult a telephone & address book, and write and print out simple memos. Most features are available instantly from pull-down menus or easily identified Icons, and the user may move between the various programs with ease. Printing out of information on an EPSON compatible printer is done by simply pointing at the "printer" icon.

Also contained on the disc are two programs to enable users of the Acornsoft **VIEW** and the Computer Concepts **WORDWISE** plus wordprocessor ROMS to create picture files on disc allowing AMX-ART pictures to be merged with text and printed out on an Epson compatible printer in a single pass (see 7. later).

2. USING AMX-DESK

NOTE: The disc should be backed up onto a new formatted disc.

Users of 80 track disc drives must first copy their disc onto a previously formatted 80 track disc by using the special conversion program on the disc. Simply insert the AMX-DESK disc into your 80 track drive and type '**CHAIN "80" < RETURN >**' and the program will give instructions for the copying process to 80 track format. The instructions for use are now as for 40 track drives, but additional file space will be available for the Desk Diary and Telephone/Address book features.

2.1 CONFIGURING THE AMX-DESK DISC

Before using the AMX-DESK for the first time on your BBC computer, the **SETUP** program (see 2.1.2 below) must be used to create a file on disc which contains essential information about your system, i.e. number of disc drives available, in which drive the AMX-DESK data disc is normally used, whether your printer is set up for automatic line feed, if interlace is required on your display, and if the picture requires to be moved up or down a line on your display.

2.1.1 CREATING A NEW DATA FILE

On first running the program there will be available on the System Disc approximately 16K of file space for use by the Diary and Telephone/Address Book facilities. This will allow for only 16 Diary/Telephone Book entries combined, and allow initial use of the disc whilst learning the system. To create more file space, a new Data File must be created, and a special '**GEN**' program is included on the disc for this purpose. This program is run by typing '**CHAIN "GEN" < RETURN >**' and selecting option 1. 'Generate New File'. By following the prompts you will be able to generate a file for a total of up to 1300 records to be used in the Diary and Telephone/Address Book facilities. The size of file will vary according to the capacity of the disc available as follows:

40 Track 100K Single Sided Single Drive

In this case you will be able to create a new file on a blank disc of 600 records. This allows you to store 600 names/addresses and Diary entries, and also leaves 10K free on the disc for Memos. Set up the disc using the 'Set Up' program included to use drive 'x'. The AMX Desk programs will then instruct you to swap discs over when required.

80 Track 200K Single Sided Single Drive

A file of 1300 records can be created as above although disc swapping will still be necessary. However since there is 100K extra space on the System Disc it is possible to create a 600 record file on the System Disc, and this may be sufficient for your needs. The Set up program should then be used to allow drive 0 to be used for data.

40/80 Track Double Sided

Create a new file on the second side (drive 2) of 600 records (1300 for 80 Track drives). Then set up the disc (Using the 'Set Up' program) to use Drive 2 as the data disc.

40/80 Dual Discs

Create a new file on Drive 1 of 600 records (1300 for 80 Track) and set up the disc to use Drive 1 as the data disc.

With a full 200K data file on an 80 track disc it is possible to store a diary entry for each day of the year, and 24 entries under each letter in the Telephone/Address book.

2.1.2 THE SET UP PROGRAM

Insert the disc into drive 0 and type '**CHAIN "SETUP" < RETURN > "**' and you will be presented with the Set Up Screen as shown in figure 1.

In the top 'Disc Drives' window, the drive numbers available are indicated by inverted characters, and discs not available may be indicated by moving the pointer over the drive number and pressing the **EXECUTE** button. Similarly the drive number to be used for the Data disc may be specified, 80 track users will be able to store up to 100K of data on the AMX-DESK disc itself in drive 0, but single 40 track disc drive users will have to swap discs to read in or store data on a separate data disc. This is signified by the 'x' option.

In the second Auto Line Feed' window you may specify whether your printer is set up for automatic line feed on carriage return.

In the third 'TV' window, Interlace may be switched on or off, and the picture may be moved up or down one line by pointing at the up or down arrow and pressing the **EXECUTE** button. When you are satisfied that the information is correct simply point at the 'complete' button and press **EXECUTE**.

The program will then create a file on the AMX-DESK disc containing the required information about your system, and the program will now be matched to your system. Should you wish to re-configure the program for a different system the above process may be repeated at any time.

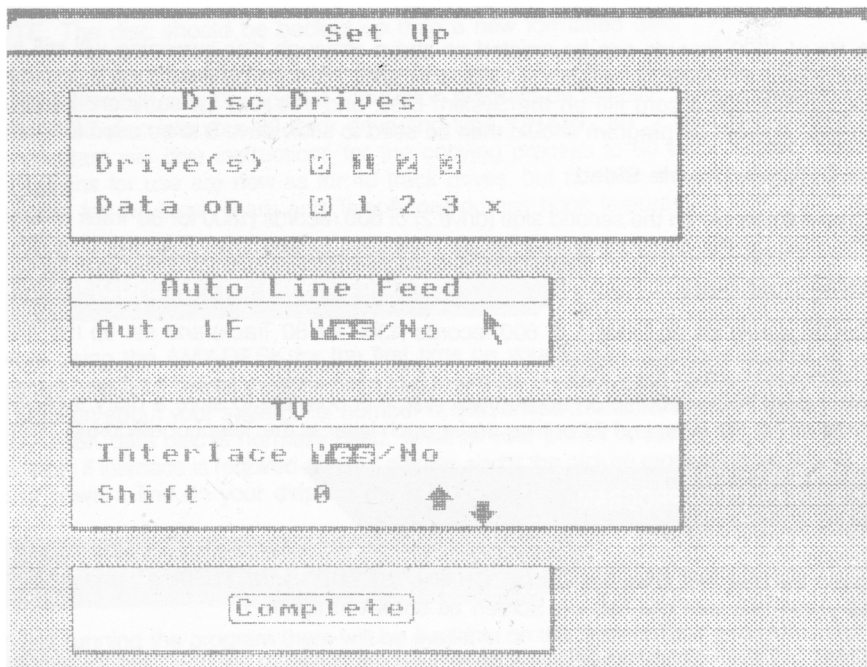


Fig. 1: The SET UP Screen

2.2 RUNNING AMX-DESK

For users of **40 TRACK** disc drives, (and 80 track drives following conversion as in 2 above), insert the disc in drive 0, holding down the **< SHIFT >** key and press **< BREAK >**. You will now be presented with the initial screen as shown in figure 2. You are prompted to input the date and time, and this will be maintained in the computer unless it is switched off at any time.

The date is typed in the "day:month:year" format with colons separating the figures, e.g. "01:12:1985", or "1:12:1985" followed by **< RETURN >**. Leading zeros are not necessary. The time is similarly typed in "hours:minutes:seconds" format with colons separating the figures, e.g. "21 :05:30", or "9:5 P" (seconds are optional), and, times after midday may be inserted in either 24 hour mode, or using "P" to denote p.m. On pressing **< RETURN >**, the Desk Top screen will now be displayed.

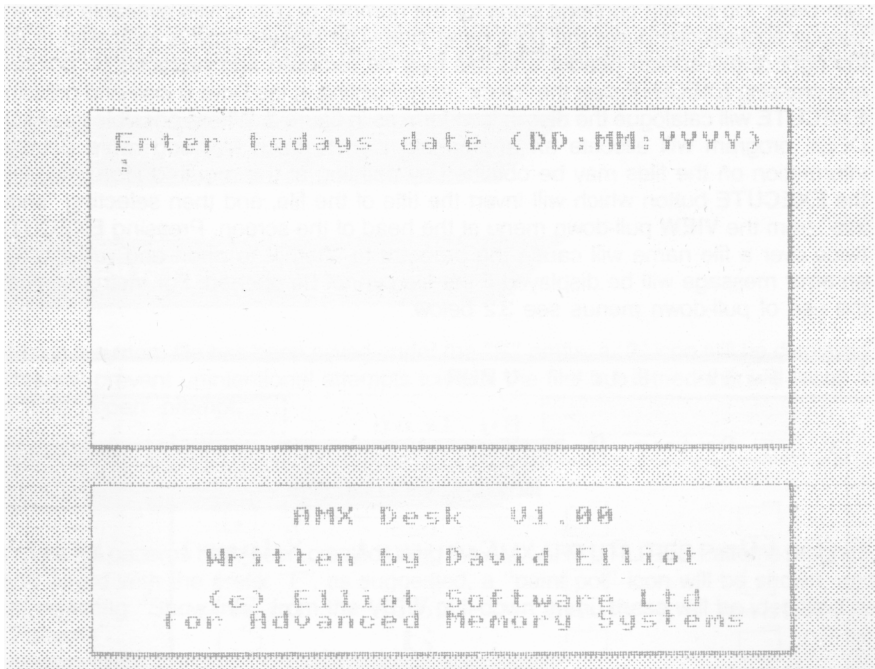


Fig. 2: The Initial Screen

2. THE AMX-DESK TOP

The Desk Top screen contains icons for the number of disc drives available and the various accessories down the right hand side. The current time is indicated at the top right of the screen header and this may be removed and replaced by pointing and pressing **EXECUTE** over the "clock" icon. Pointing at the Drive 0 icon and pressing **EXECUTE** will catalogue the disc in icon form as in figure 3. Where possible the AMX DESK program will allocate an appropriate icon to each file, and more detailed information on the files may be obtained by pointing at the required icon, pressing the **EXECUTE** button which will invert the title of the file, and then selecting "show info" from the **VIEW** pull-down menu at the head of the screen. Pressing **EXECUTE** twice over a file name will cause the program to attempt to open and run the file, an error message will be displayed if the file cannot be opened. For instructions on the use of pull-down menus see 3.2 below.

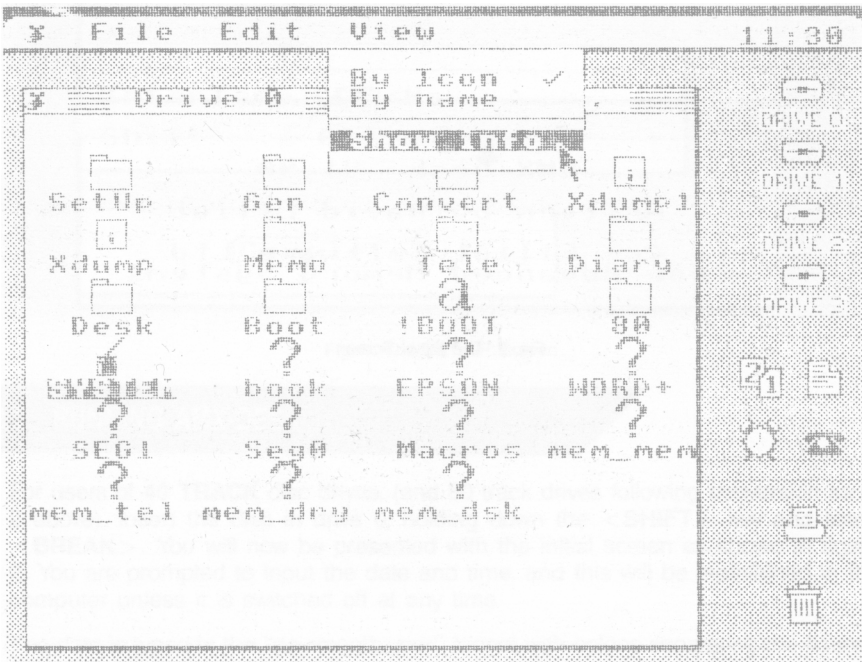


Fig. 3: The DESK TOP

Other icons present on screen are a 'calendar' icon which enables the Desk Diary to be opened by simply pointing and pressing **EXECUTE**, a sheet of 'paper' representing the Memo Pad which is similarly available, a 'telephone' icon which allows access to the Telephone/Address Book, a 'Printer' icon which allows printing out of

the contents of the window in the Desk Diary, Memo Pad, and Telephone/Address Book on an Epson compatible printer. The 'waste bin' icon is used in the Telephone/Address Book for the deletion of entries as an alternative to the pull-down menu facility.

3.1 FILE TYPES

3.1.1 SYSTEM FILES

Where a system file has been saved under the "S." prefix, a '?' icon will be displayed. This will prevent unintentional attempts to **RUN** the file, but if tried this will result in a 'Can't open' prompt.

3.1.2 FILL PATTERNS

Where Fill patterns have been created using the AMX-ART UTILITIES Patterns program, and saved with the prefix "F", as suggested, a "paint pot" icon will be shown, and on selecting "Show info" from the **VIEW** pull-down menu these will be identified as "Patterns".

3.1.3 ICON FILES

Where Icon files have been created with the AMX-ART DESIGN program, and saved with the prefix "I." as suggested, a "paint pot" icon will be shown, and on selecting 'Show info' from the **VIEW** pull-down menu, these files will be shown as "Icons".

3.1.4 PICTURE FILES

Where AMX-ART pictures have been saved with the prefix "P" as suggested, a "paint pot" icon will be shown, and they will be identified as "Picture" in the 'Show info' option.

3.1.5 MEMO PAD FILES

Memo files created by the AMX-DESK program are automatically saved with a prefix "M.", and an "envelope" icon will be shown, and they will be identified as "Memo" in the 'Show info' option.

3.1.6 BASIC PROGRAMS

Where the execution address of a file is either &801 F, &8023, or &B023, the program will recognise the file as a BASIC program and a "folder" icon will be shown. The file will be identified as 'BASIC' in the 'Show info' option.

3.1.7 TEXT FILES

Where files have a load address of &0000 they are recognised by the program as Text files, and an "a" icon will be shown. The file will be identified as "Text" in the 'Show info' option. **WORDWISE** text files are saved with a load address of &0000 are are therefore recognised, but **VIEW** text files are not recognised, and are displayed as machine code files with a "disc" icon.

3.1.8 MACHINE CODE FILES

Where files are unrecognised by the program, a "disc" icon is shown and the files are identified as "Machine code" in the 'Show info' option.

NOTE: Care should be used when attempting to **RUN** files identified as Machine Code files, only programs with a valid execution address should be run, others may cause the program to crash! Should this happen, re-boot AMX-DESK by holding down < **SHIFT** > and pressing < **BREAK** >. You will find that the system parameters, time etc. will have been preserved.

3.2 THE PULL-DOWN MENUS

At the head of the screen are the headings for the standard pull-down menus, **MOUSE**, **FILE**, and **EDIT**, and these menus are available at all times when AMX-DESK is in use. The standard menus are designed to be used in all suitable programs, and may contain options which are not available in certain programs.

In order to speed up the selection process, the menu selection procedure has been altered to that on the AMX-ART program, and is now identical to that used on the AMX-UTILITIES disc. To reveal a pull-down menu, move the pointer over your required menu heading, press and **HOLD DOWN** the **EXECUTE** button. The menu will now be revealed, with the available options in black, the current option being indicated by a tick. Any options not available for any reason at that time are shown in grey.

Selection of the appropriate option is made by **HOLDING DOWN** the **EXECUTE** button and moving the inverted bar over the required option. **RELEASING** the **EXECUTE** button will now select your required option.

The first pull down menu is indicated by a Mouse icon, and when selected as described above, reveals the options shown in figure 4.

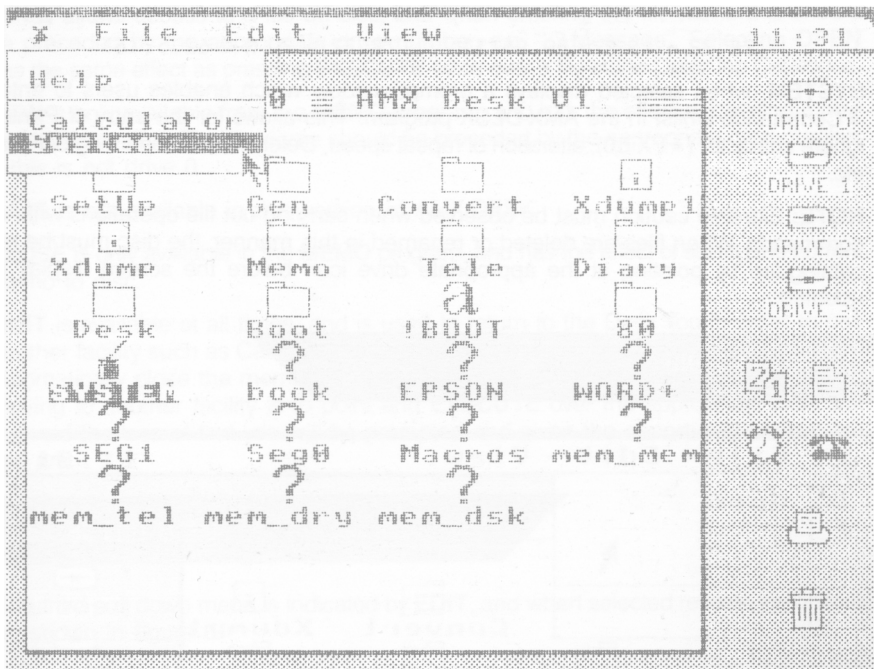


Fig. 4: The Mouse Menu

HELP merely indicates the Version number of your program, and you will be requested to press **EXECUTE** on the Confirm 'button'.

CALCULATOR when selected overlays the current screen with a nine digit-four function calculator with percentage key and memory function. On the standard BBC computer, the calculator may overlay the Desk Top screen and the Telephone/Address Book screen only, and at other times is used by selecting **QUIT** from the **FILE** menu first. In the second processor version the calculator may also overlay the Desk Diary and Memo screens.

The calculator is operated by means of the Mouse pointer and **EXECUTE** key, in a manner similar to a normal pocket calculator. Results of calculations are displayed in normal mode unless they overflow the display when they are converted into scientific mode. Results of calculations may be stored in memory by means of the "M" 'button', and recalled by means of the "R" 'button'. The "C" 'button' clears the calculator of all figures. A result shown in the display may be saved on a clipboard file on the System

disc by pointing at the display window and pressing **EXECUTE**. This may then be later 'pasted' into a Memo or into a Diary entry (see later). The Percentage key when used in calculations takes the percentage of the previous displayed result, e.g.:

$$78.22 + 15 \% = 89.95(3) \qquad 78.22 - 20 \% = 62.57(6)$$

SYSTEM, when selected displays a prompt window which enables users to enter *Commands whilst in the AMX-DESK program. This allows for the entry of Printer ignore character (*FX 6,0), alteration of repeat speed, Deletion and Renaming of Files, etc.

NOTE: Extreme caution must be observed when carrying out file operations with * commands. When files are deleted or renamed in this manner, the disc must be re catalogued by pointing at the appropriate drive icon before the screen display is updated.

3.2.2 THE FILE MENU

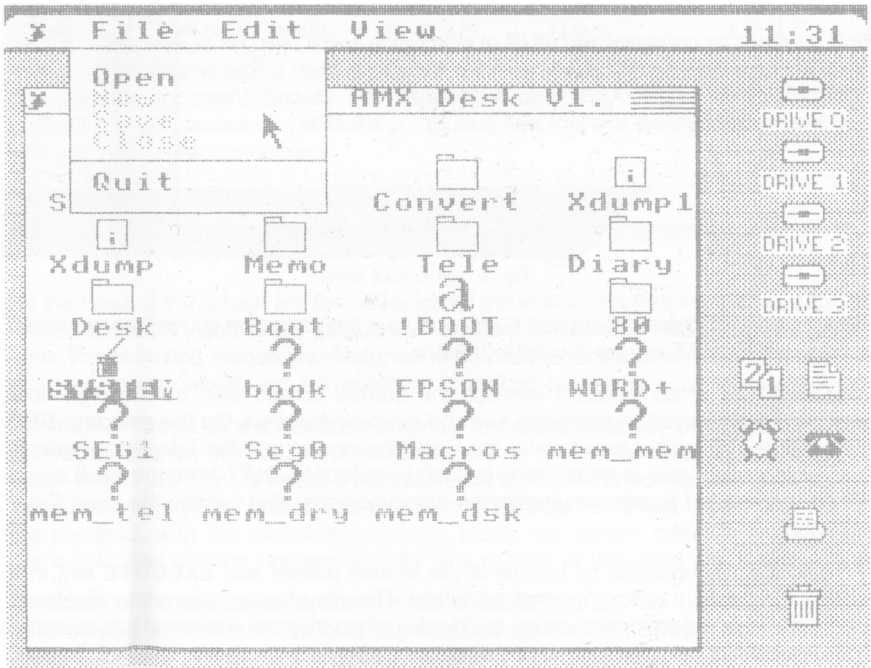


Fig. 5: The File Menu

The second pull down menu is indicated by **FILE**, and when selected reveals the options shown in figure 5.

OPEN allows access to a file on disc, and when entering the file name this should be preceded by the appropriate drive number, e.g. ":3.Message". Selecting **OPEN** has the same effect as pressing **EXECUTE** twice over a file in the Desk Top Catalogue.

NEW is only available from the **MEMO** program, and has the effect of creating a new memo file on disc. The file name should be preceded by the appropriate drive number if this is not drive O.

SAVE is not available in this version of AMX-DESK.

CLOSE is only available in the **MEMO** program, and has the effect of saving the current memo to disc.

QUIT is available at all times, and is used to return to the Desk Top in order to use another facility such as Calculator or Catalogue. When selected from memo Quit will automatically close the memo file before returning to the Desk Top. Another way of moving to another facility is to point and **EXECUTE** over the appropriate icon, but to avoid the loss of text you will be prompted and given the opportunity to save the text first.

3.2.3 THE EDIT MENU

The third pull down menu is indicated by **EDIT**, and when selected reveals the options as shown in figure 6.

CLEAR is used for clearing selected areas of text in the Memo facility, and deleting a day's entry in the Diary facility.

CUT is available only in the Memo facility, and is used to **REMOVE** a selected area of text and place it on the clipboard file for 'Pasting' into another part of the memo, or even into a Diary entry where appropriate.

COPY is used in the Memo, Diary and Telephone and Address Book facilities to **COPY** a selected area of text or an entry onto the clipboard leaving the original intact.

PASTE is used in the Memo and Diary facilities to copy text from the clipboard file to the cursor position.

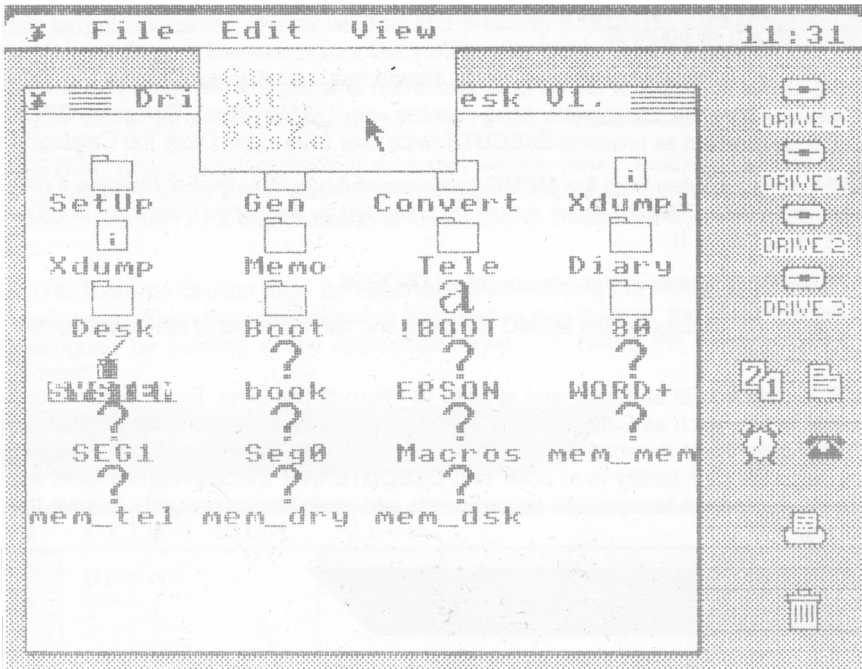


Fig. 6: The Edit Menu

3.2.4 SPECIAL MENUS

In the Desk Top, Memo, and Telephone/Address Book facilities, there is an extra pull down menu which gives additional facilities which vary according to the program being used.

- (i) On the Desk Top screen, the additional menu is titled "View", and contains options to alter the manner in which the discs are catalogued and to give details of program type and length (see figure 3). Selecting "By Icon" will enable cataloging by icons as described in section 3 above. Selecting "By name" will catalogue the disc in the normal manner: Having highlighted 'the file by pointing at the name and pressing **EXECUTE**, more information on the file may be obtained by selecting "Show info" from the **VIEW** menu. This will reveal a window giving File name, File type, Length in bytes, and a Confirm 'button'. Selecting Confirm will remove the window.

- (ii) On the Memo Pad screen, the additional menu is titled "Options", and contains options to justify and centre text, Split line, and Delete lines, (see figure 7), and the use of these facilities is described in section 5 below.
- (iii) On the Telephone/Address Book screen, the additional menu is titled "Options", and contains options to Insert and Delete entries, and an option which is not available in this version of AMX-DESK "Dial number". The use of these facilities is described in Section 6 below.

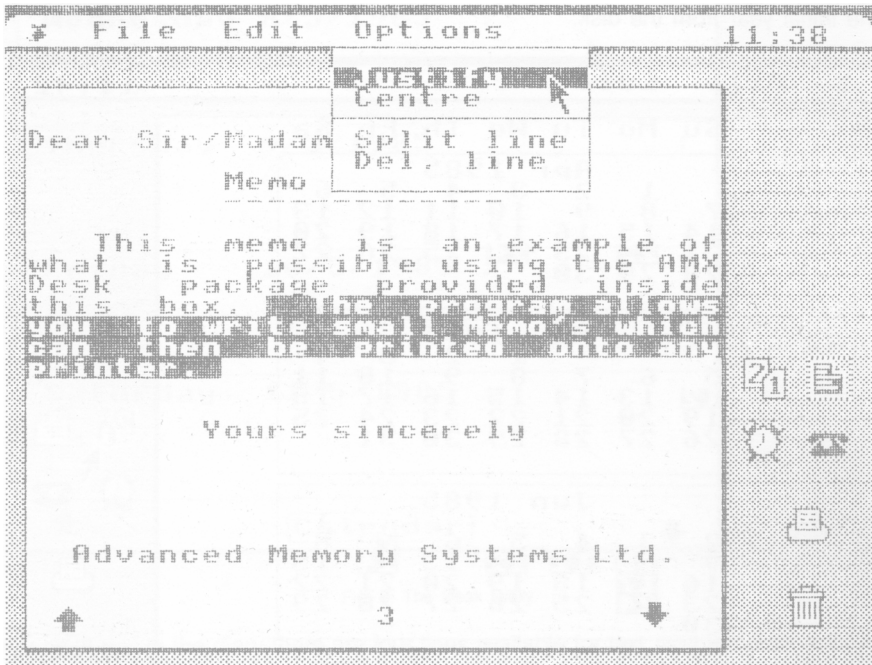


Fig. 7: The Options Menu

4. THE DESK DIARY

The Desk Diary facility is accessed by pointing at the 'calendar' icon and pressing **EXECUTE**. The icon will be inverted, and the calendar window will be displayed as in figure 8. The window displays the current month and the following two months in calendar form. Dates with entries are inverted. The months may be scrolled backwards and forwards by selecting the up/down arrow icons at the base of the window.

Calendars are generated for 1985 and 1986 initially, but the range of the calendar may be amended by running the program "Gen" from the Desk Top, and selecting option 2 "Create New Year". This program adds an extra year to the calendar, deleting the initial year from the disk.

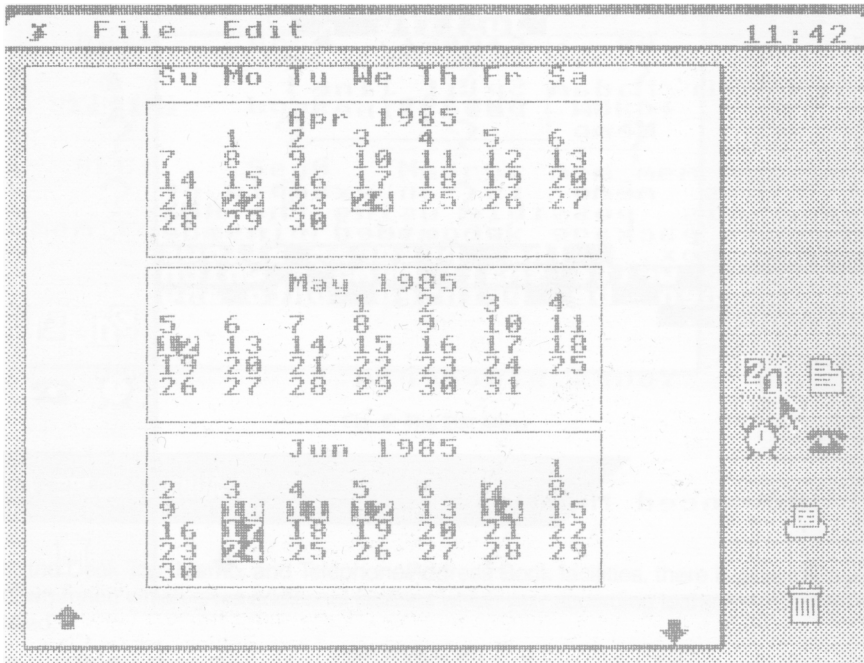


Fig. 8: The Calendar Window

Selecting a date from the calendar will generate a window containing four days commencing on the date selected as in figure 9. The window may be scrolled backwards or forwards through the days by means of the up/down arrow icons at the base of the window. On the top line of each day's entry is a space for an optional 'alarm' time which is entered by moving the cursor to the start of the space using the **MOVE** button and typing in the required time separated by colons followed by **< RETURN >**. 'P' may be used instead of 24 hour time notation as in the Initial Screen.

Once the time is set, the alarm will become effective when you scroll or exit the calendar and will sound a "beep" and place an asterisk at the head of the screen adjacent to the current time. This alarm facility is of course only effective if you are in the AMX DESK package when the alarm is due.

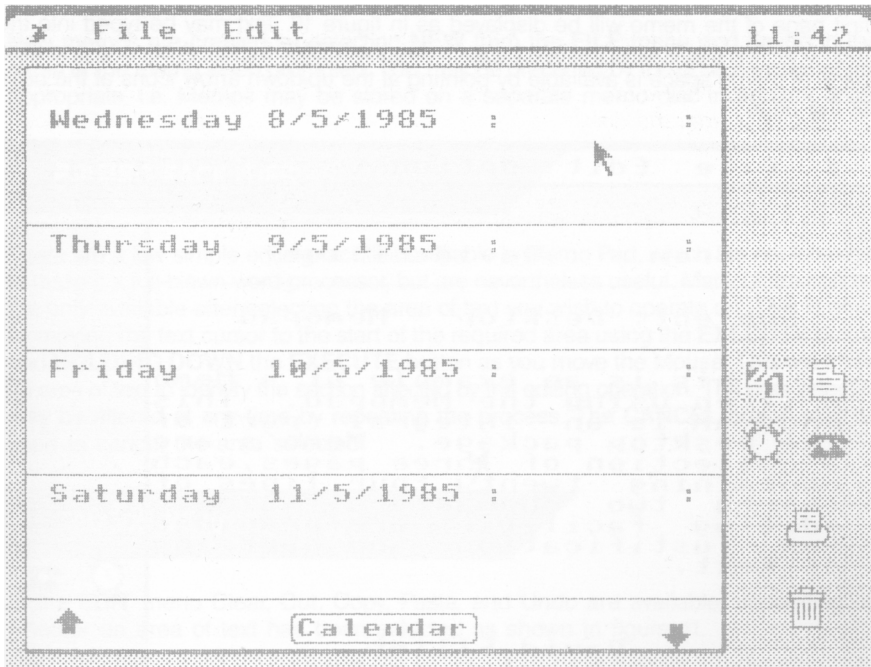


Fig. 9: The Desk Diary

For each day in the diary there are four lines available for text, and the diary entries can be changed at any time. To insert an entry, simply move the text cursor to the start position using the **MOVE** button, and type in the text. Entries may be Cleared, Copied to the clipboard file, and Pasted from the clipboard file using the **EDIT** pull down menu.

Selecting 'Clear' will produce a confirmation window and selecting 'Confirm' will delete the day's entry at the current text cursor position. Selecting 'Copy' will put the day's entry onto the clipboard for 'pasting' into another part of the Diary or incorporating into a Memo. Similarly, text on the clipboard file may be copied into the Diary using the 'Paste' option, any surplus text being ignored.

Either the Calendar window or the Diary window may be printed out by simply pointing at the Printer icon and pressing **EXECUTE**.

5. THE MEMO PAD

The Memo Pad facility is accessed by pointing at the 'memo' icon and pressing **EXECUTE**. The icon will be inverted and the desk top will be cleared to allow a memo to be written. Move to the **FILE** menu and select 'Open' or 'New'. **OPEN** is used to load a previously written memo, and is useful for standard memo formats. Simply type in the name of the memo preceded by the drive number where appropriate, and the first page of the memo will be displayed as in figure 10. Text may be typed into the memo by first positioning the text cursor using the **MOVE** button. A second and third page of memo space is available by pointing at the up/down arrow icons at the base of the page.

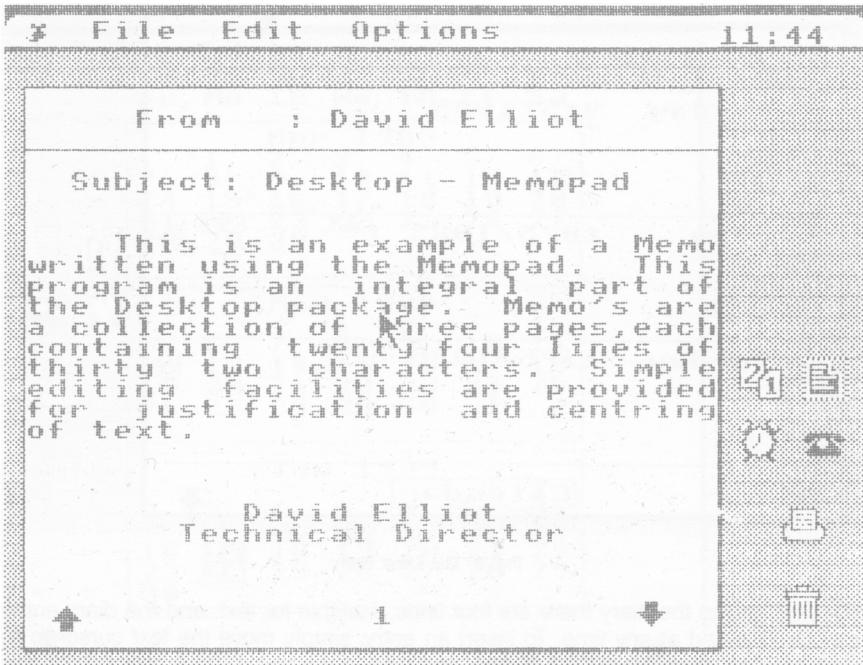


Fig. 10: The Memo Pad

When complete, the memo is printed by simply pointing at the 'printer' icon and pressing **EXECUTE**. Each page of the memo is printed separately in this way. In order to preserve the standard memo format, i.e. without the added text, the 'Undo' option may be selected from the **EDIT** menu, and this clears the memo to the original form as stored on disc and allows another memo to be written in the same format.

NOTE: If you **QUIT** from memo without undoing the additions the original version will be automatically replaced by the amended version. Another way of leaving Memo Pad without saving the amended version is to simply select the Desk Diary or TelephoneAddress Book icons, which will run the programs direct. Your text will however be lost if you return to the Memo Pad.

New memos are created by selecting **NEW** from the **FILE** menu and typing in the name of the memo when prompted. This may be preceded by the drive number where appropriate, Le. Memos may be stored on a separate memo disc in another drive.

5.1 EDITING FACILITIES

There are a few simple editing facilities available in Memo Pad, which are not intended to make it a full-blown word processor, but are nevertheless useful. Many of the options are only available after selecting the area of text you wish to operate on. This is done by moving the text cursor to the start of the required area using the **EXECUTE** button and **HOLDING DOWN** the **EXECUTE** button as you move the Mouse. This will invert an area of text to identify the section affected by the editing operation. The area selected may be altered at any time by repeating the process. The **CANCEL** button may be used to cancel the area selected.

5.1.1 THE EDIT MENU

In the **EDIT** menu Clear, Cut, Copy, Paste, and Undo are available, depending on whether an area of text has been selected as shown in figure 11.

CLEAR is used to clear a selected area of text to allow amendments to be made. **CUT** is used to remove a selected area of text and place it on the clipboard file for 'pasting' into another part of the memo, or even into a Diary entry where appropriate.

COPY is used to copy a selected area of text onto the clipboard leaving the original intact, for copying into another memo or into a Diary entry.

PASTE is used to copy text from the clipboard file to the current cursor position, and adequate space must be available on the page as any overflow will simply wrap around on the last line available.

UNDO is used to remove any changes you have made to the original memo in order to type a new memo on the same format, and must be used to preserve a standard memo if using **QUIT** or **CLOSE** in the **FILE** menu.

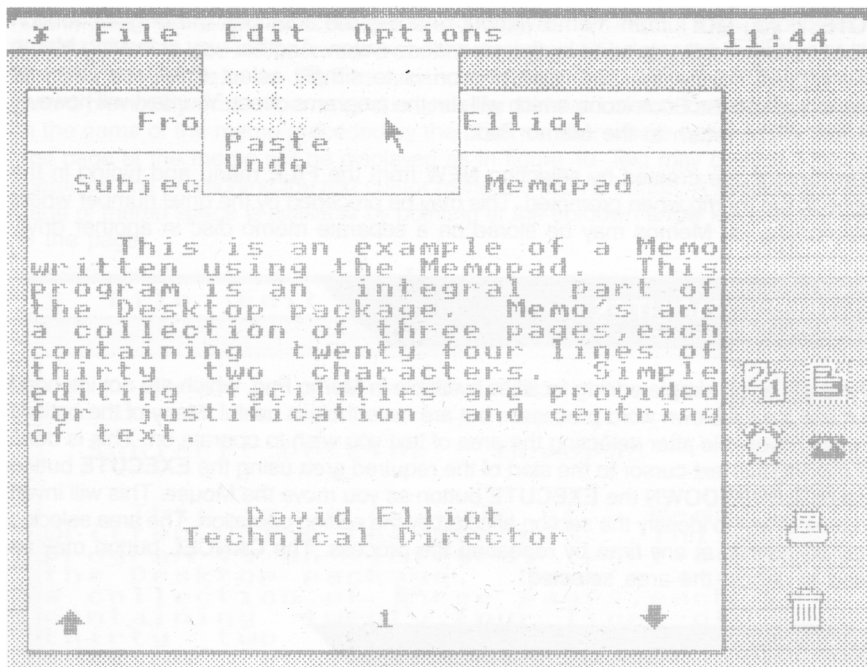


Fig. 11: The Edit Menu

5.1.2 THE OPENING MENU

In the Memo Pad, a special Options menu is available, and includes options for Justify, Centre, Split Line, and Delete Line as shown in figure 12.

JUSTIFY is available only when an area of text is selected as above, and when used, any complete lines selected are right justified by the judicious addition of spaces between words. Any part lines in the area selected will not be affected by the process.

CENTRE is available only when an area of text is selected as above, and when used, any complete lines selected are centred by equalising the spaces available at the start and end of the lines. Any part lines selected will not be affected.

SPLIT LINE is available at all times and when used will insert 32 character spaces commencing from the current text cursor position.

DELETE LINE is available at all times, and will remove 32 characters commencing from the current text cursor position in a forward direction.

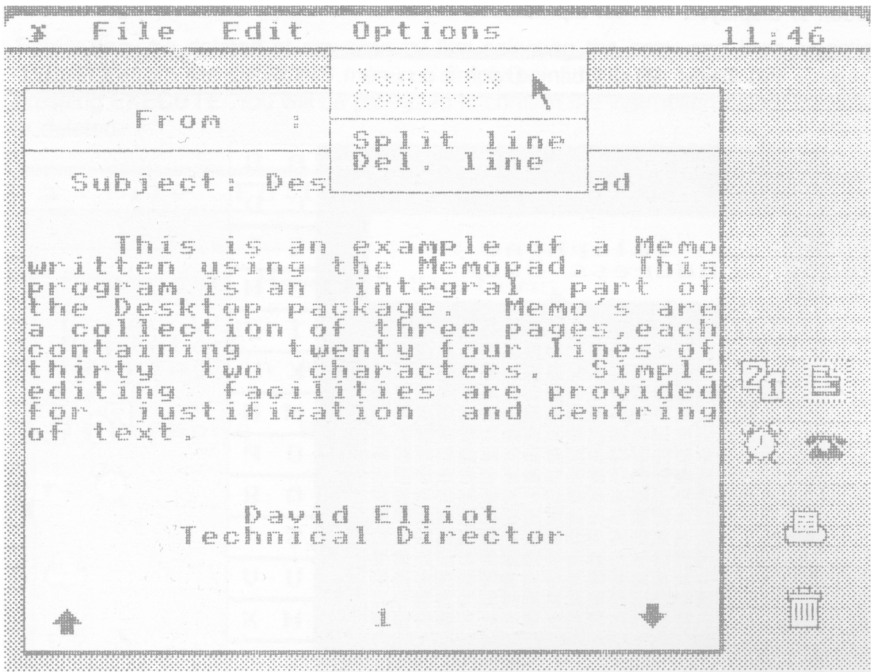


Fig. 12: The Options Menu

6. THE TELEPHONE/ADDRESS BOOK

The Telephone/Address Book facility is selected by pointing at the 'telephone' icon, and pressing **EXECUTE**. The icon will be inverted, and if leaving the Memo Pad, you will be given the option of saving your text. The Front Page of the Telephone/Address Book is displayed with an alphabetical index of entries as shown in figure 13.

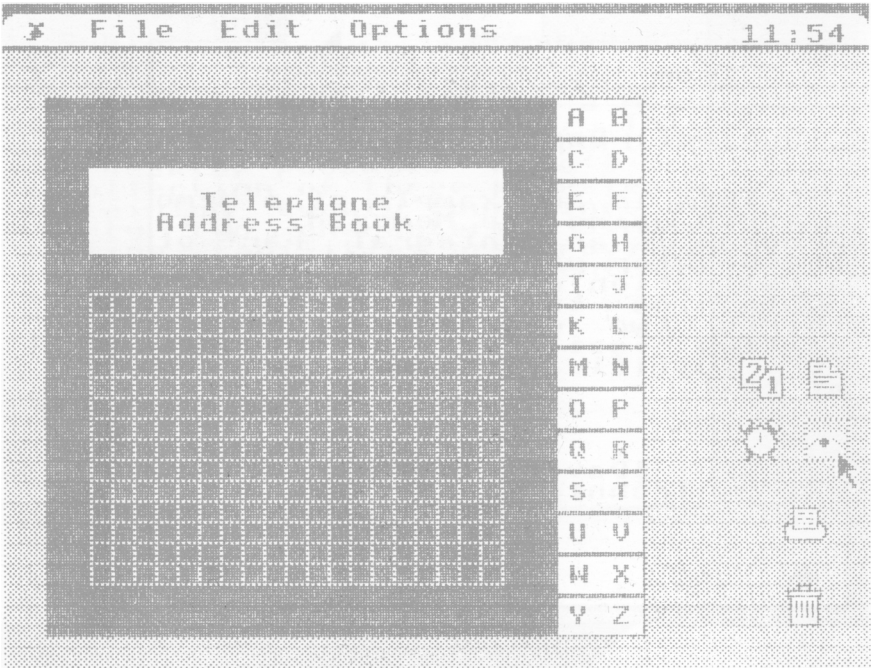


Fig. 13: The Telephone/Address Book

Pointing and pressing **EXECUTE** over the initial letter required will reveal a list of entries, and pointing and pressing **EXECUTE** over the entry will expand the entry as shown in figure 14. You may examine entries above or below the selected entry by selecting the up/down arrow icons at the base of the screen, and in this way multiple entries may be created giving further information.

For reasons of clarity, a clear line is automatically generated between the name line and the first address line, and between the fourth address line and the telephone number line. To insert an entry into the 'book' at any time, select '**INSERT**' from the **OPTIONS** menu and a blank entry page will be displayed. Type in the required entry, commencing with the Surname and pressing < **RETURN** > at the end of each line.

On completion of the last line of the entry, the details will be automatically filed on disc in the correct alphabetical order. If more than one entry is required with the same first line, a slight change must be made as the program checks to prevent overwriting previous entries. This is easily achieved by adding "a", "b", etc. to the end of the name.

Entries may be deleted at any time by first selecting the entry and then selecting '**DELETE**' from the **OPTIONS** menu or simply pointing to the 'waste bin' icon and pressing **EXECUTE**. You will be prompted to confirm the instruction before the entry is deleted.

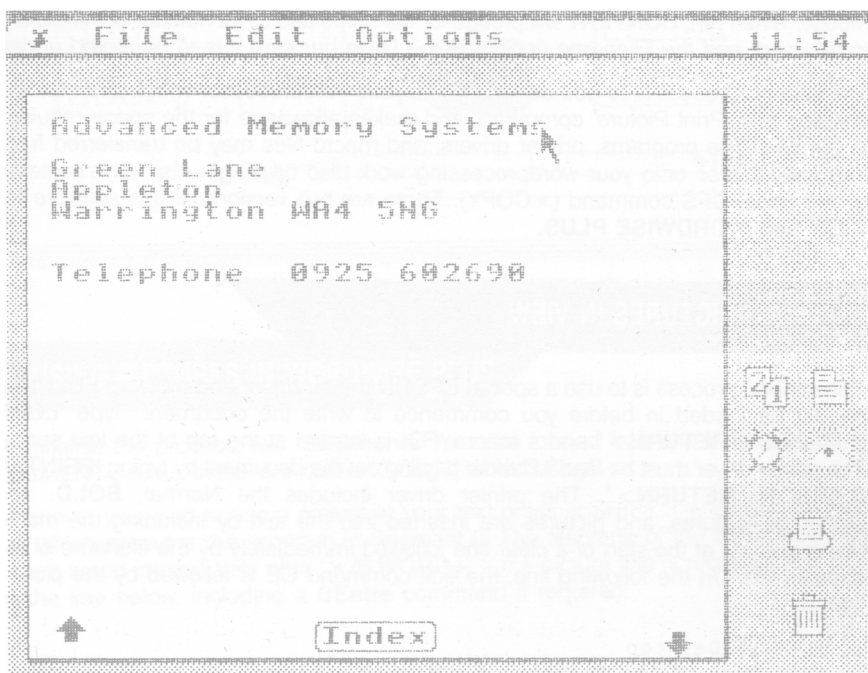


Fig. 14: The Telephone Entry

Pointing at the "Printer" icon and pressing **EXECUTE** will allow for the printing out of each page of the telephone list, and when executed on an entry, the entry will be printed out.

7. USING PICTURES IN DOCUMENTS

For serious word processing applications it is recommended that a more advanced wordprocessor such as View and Wordwise Plus is used. Details of using the Mouse in these programs is given in Appendix A. Also included are programs which allow AMX ART Pictures to be merged with your text so that text and illustrations are printed out in a single pass of the printer, obviating the use of scissors and paste!

Two distinct steps are required to insert a picture into text. First the picture must be converted into a **SPOOLed** file on disc. This file contains all the printer codes normally sent to the printer when a picture is printed. The Program which does this conversion is called '**CONVERT**', and can be run directly from the Desk Top screen using the Mouse. When run, **CONVERT** will prompt for the name and Drive number of the picture to be used, and the Filename (including the Drive number) it is to be stored under.

The second process is to add commands to your word processor which allow for the creation of a 'Print Picture' command, and makes allowance for the space required in the text. The programs, printer drivers, and macro files may be transferred from the System Disc onto your wordprocessing work disc on single disc drive systems by the usual **DFS** command (*COPY). There are two versions of this software for **VIEW** and **WORDWISE PLUS**.

7.1 USING PICTURES IN VIEW

The second process is to use a special EPSON printer driver and a Macro File which should be loaded in before you commence to write the document. Type '**LOAD S.Macros < RETURN >**' and a macro 'FG' is loaded at the top of the text space. The printer driver must be loaded before printing out the document by typing '**PRINTER S.EPSON < RETURN >**'. The printer driver includes the Normal, **BOLD**, and Underline features, and pictures are inserted into the text by including the macro command FG at the start of a clear, line followed immediately by the filename of the spooled file. On the following line, the edit command CE is followed by the picture title, e.g.:

```
FG :1.Desktop
```

```
CE Fig. 15: An Example of a Merged Picture
```

When the text is previewed before printing using the '**SCREEN**' command, a rectangular box will be displayed allowing the position of the picture on the page to be seen. Adjustments to paging and/or the position of the '**FG**' macro may then be made if required before printing.

Obviously, when printing commences the disc containing the **SPOOLed** picture file must be present, so that on single drive systems, the disc containing the spooled pictures must be inserted in the drive before printing commences.

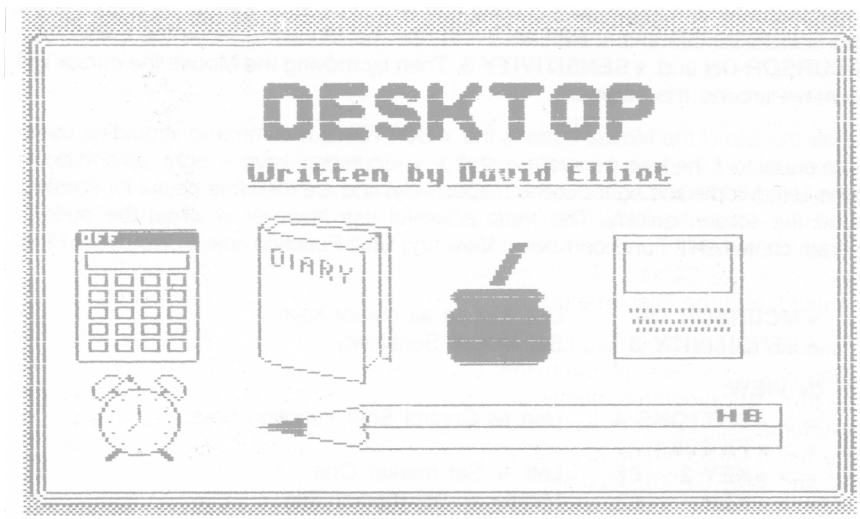


Fig. 15: An Example of a Merged Picture

7.2 USING PICTURES IN WORDWISE PLUS

To initialise the process, two '**SEGments**' must be loaded from the Wordwise Plus **SEGMENT** Menu, these are called 'S.SegO', and 'S.Seg1'.

Whenever you wish to use a picture in your text press < SHIFT> + < Function key 0> which executes the program in Segment O. The filename of the SPOOLed file is then typed immediately after '***/S.WORD+** '. If a picture title is required, it is put on the line below, including a **CEntre** command if required.

APPENDIX A

To enable the Mouse to be used in View and Wordwise Plus it must be first enabled using ***MOUSE ON** and **< BREAK >**. To use the Mouse to move the cursor use ***MCURSOR ON** and ***SENSITIVITY 3**. Then by moving the Mouse the cursor will also move around the screen..

To allow the use of the Mouse buttons the ***BUTTONS n** command should be used. With n equal to 7 the keys generate < shift > + < cursor > keys - right, up and down (for the Left, Middle and right buttons respectively) and are therefore useful for scrolling around the screen quickly. The most powerful use however is when the buttons generate control-shift Function Keys in View and Shift Function keys in Wordwise Plus, e.g.

*MCURSOR ON	Use Mouse as cursor keys
*SENSITIVITY 3	Set Mouse Sensitivity

IN VIEW:

= > *BUTTONS 4	Use as Control Shift Function Keys
= > *FX 228,1	
= > *KEY 2 £1	Left = Set marker One
= > *KEY 1 £2	Middle = Set marker Two
= > *KEY 0 \	Move Block

In Wordwise Plus ***BUTTONS 2** should be used then the SEGments 0,1 and 2 will be executed whenever the Right, Middle and Left buttons respectively are pressed. Then by suitably programming the SEGments the required functions can be provided.

NOTES

NOTES

NOTES

NOTES

AMAX MOUSE

ADVANCED MEMORY SYSTEMS LTD

Green Lane, Appleton,
WARRINGTON. WA4 5NG.

TEL. 0925 602690