Xexor V2.6

User Guide

CONTENTS

Loading XEXOR

To start Xexor, insert side A of the Xexor disc, then type

|CPM

and press RETURN.

Display Layout and Usage

Xexor's display is divided into five windows. Each window is used to enter or display information of a particular type.

Heading Window
Contains title and verison number.

Edit Window
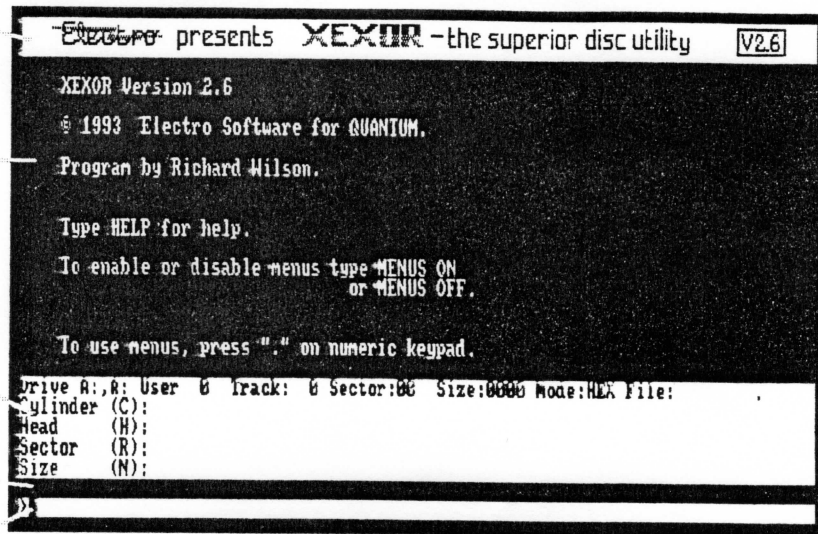Used for sector editing, directory editing, file display etc.

Status Window
Contains vital information at all times on drive selection, user number, sector selection etc.

Message Window
Used to display error messages and user prompts.

Command Window
Used for entering commands.

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Electro presents  XEXOR -the superior disc utility  V2.6

XEXOR Version 2.6

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Program by Richard Wilson.

Type HELP for help.

To enable or disable menus type MENUS ON
                             or MENUS OFF.

To use menus, press "." on numeric keypad.

Drive A:,A: User  0  Track:  0 Sector:00  Size:0000 Mode:HEX File:
Cylinder (C):
Head     (H):
Sector   (R):
Size     (N):
```

The STATUS Window

Current drive settings
Current user number (followed by * if Multi-user option is enabled)
Current track for sector editing
Current sector number (followed by * if sector has deleted data address mark)
Size in bytes of the current sector
Sector editing mode (HEX or ASC)
Filename of file being traced
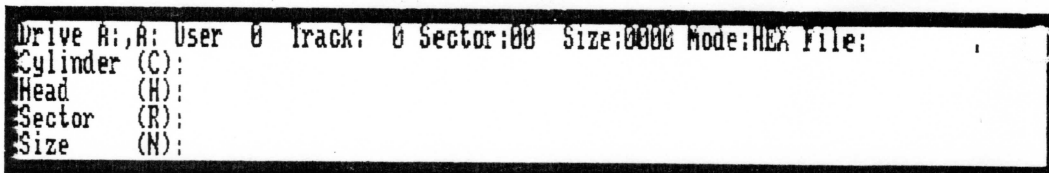
```
Drive A:,A: User  0  Track:  0 Sector:00  Size:0000 Mode:HEX File:
Cylinder (C):
Head     (H):
Sector   (R):
Size     (N):
```

Information about each sector on the current sector editing track

An asterisk here indicates that printer output is enabled

Entering Commands

Commands can be entered using menus (as described in the next section), or typed from the keyboard into the Command window.

When entering commands from the keyboard, the following keys perform various functions :

←	Move cursor one character to the left.
→	Move cursor one character to the right.
CLR	Delete the character underneath the cursor.
DEL	Delete the character to the left of the cursor.
TAB	Re-type the last command entered.
CTRL-P	Toggle printer output on/off.
CTRL-CLR	Clear the sector buffer and display.

Using Menus

To select from menus press the ▪ key on the numeric keypad, then use the following keys to select options from the menus :

↑	Highlight previous item in the menu.
↓	Highlight next item in the menu.
RETURN	Select item from the menu.
▪ (keypad)	Select item from the menu.
ESC	Exit from menus without performing function.

All commands are available using menus with the exception of extension commands.

All sector editing functions, and directory editing functions are also available using menus.

Formatting Discs

To format a disc, either enter the command FORMAT, or select **Format Disc** from the **Disc Menu.**

A disc can be formatted to DATA format simply by entering

FORMAT

or by selecting **Ok** from the **Format Disc** menu.

To format a disc to SYSTEM or VENDOR format, use

FORMAT S

Similarly, to format to IBM format, use

FORMAT I

Normally, a fast format is used with no testing of the success of the format. To verify a disc while formatting, use the command

FORMAT V

or enable the **Verify** option in the menu.

It is possible to mix the format type option with the verify option. For example, to allow formatting to SYSTEM format with verifying, use

FORMAT S V

Disc Backups

To backup a disc using XEXOR, use the **BACKUP** command, or select **Backup Disc** from the **Disc Menu**.

For most discs, simply entering

> **BACKUP**

is sufficient to backup the disc, or just select **Ok** from the menu.

For standard format discs (ie. DATA, SYSTEM etc) the **Quick** backup option can be used to speed up disc reading time. This can be done by entering

> **BACKUP Q**

or by enabling the **Quick** option in the menu.

Protected software may require the use of a **Brain** file, or a Brain file as well as a **Parameter** file. Brain files tell XEXOR how to copy some protected software. To use a Brain file, enter the Brain file name in quotes :

> **BACKUP "filename"**

or enter a Brain filename in the menu option.

The Brain file "SUPER" will ask for a Parameter file name to be entered also. Type the name without the .PAR extension.

The Brain files contained on a disc can be listed by entering

> **TYPE "BRAINS"**

Copying Files

To copy files from one disc to another, either enter the command COPY, or select **Copy Files** from the **File Menu**.

A filename can be specified to allow copying of only specific files, for example

COPY "*.BAS"

or enter a filename in the **Filename** menu option.

Files can be selected from a list of files by entering

COPY S

or by enabling the **Select Files** option in the menu.

To select files, use the keys

    ↑   Move to previous file

    ↓   Move to next file

    Y   Tag file (to be copied)

    N   Un-Tag file (not to be copied)

    COPY Begin copying tagged files (marked with Y)

To allow files to be verified while copying, use

COPY V

or enable the **Verify** option in the menu.

When XEXOR encounters a file on the destination disc with the same filename as the file being copied, the new file will normally be copied over the existing file. It is possible to make XEXOR leave the old file intact by using the **Abort** option using

COPY A

or selecting **Abort** in the menu option.

It is also possible to make XEXOR ask for each file whether to Abort the copy or Erase the existing copy using the command

COPY Q

or by selecting the **Query** option in the menu.

Any options can be specified together. eg. COPY SVQ

Sector Editing

Sectors can be selected from the command line or from within the sector editor using the following keys

       CTRL-←   Move to previous sector

       CTRL-→   Move to next sector

       CTRL-↑   Move to previous track

       CTRL-↓   Move to next track

or they can be selected using the commands **TRACK** and **SECTOR** or the equivalent menu options.

Once a sector has been selected, the **ESC** key can be used to toggle between command entry and sector editing modes.

In either mode, the following keys can be used to alter the sector display

       ↑   Move up one line (scroll display down)

       ↓   Move down one line (scroll display up)

       SHIFT-↑   Move up one page

       SHIFT-↓   Move down one page

       SHIFT-←   Move to start of sector (Address 0000)

       SHIFT-→   Move to end of sector

       CTRL-D   Toggle deleted/normal data address mark

       COPY   Write the sector back to the disc

In sector editing mode, the following keys may also be used

       ←   Move to previous byte

       →   Move to next byte

       TAB   Toggle between HEX and ASC edit modes

       RETURN   Same as cursor right (move to next byte)

While in HEX mode, the keys **0 .. 9** and **A .. F** allow changing of the current byte.

While in ASC mode, all keystrokes other than those mentioned above allow entry of ASCII characters.

Directory Editing

To edit the directory of a disc, enter the **DIR** command, or select from the menu.

Once in the directory editor, press ▪ on the keypad, or use the following keys

↑	Move up one line
↓	Move down one line
←	Move to previous file entry
→	Move to next file entry
SHIFT-↑	Move to previous page
SHIFT-↓	Move to next page
ESC	Exit from the Directory editor
COPY	Write modified directory to disc and exit
W	Set file attribute to Read/Write
O	Set file attribute to Read Only
D	Set file attribute to Directory
S	Set file attribute to System (Hidden)
E	Erase file (Move to User number 229 (#E5))
U	Un-erase file (Set to currently selected User number)
C	Change User number
R	Rename file

APPENDIX A

XEXOR Command Summary

BACKUP	["filename"] [track-range] [Quick]
CAT	["filespec"] [Full]
COPY	["filespec"] [Select] [Verify] [Query/Abort]
D	[drive] [,drive]
DIR	
DRIVE	[drive] [,drive]
DUMP	"filename"
ERA	"filespec"
EXIT	
FILE	["filename"]
FILL	start, end, filler-byte
FIND	string [sector-range]
FORMAT	[format-type] [track-range] [Verify]
INFO	["filespec"]
INKS	[paper] [,pen]
KEY	key-number, string
LOAD	"filename" [,address] [sector-range]
MAP	["filespec"]
MENU	[on/off]
MENUS	[on/off]
MOVE	start, end, destination
PRINT	[string]
REN	"filename", "filename"
S	[sector-number]
SAVE	"filename" [sector-range]
SCAN	[track-range]
SECTOR	[sector-number]
SET	[drive-definition]
T	[track-number] [:sector-number]
TRACK	[track-number] [:sector-number]
TYPE	"filename"
USER	[user-number] [Multi-user]
WRITE	[sector-range]
|	command [parameters]
*	command [parameters]

APPENDIX B

Included Extension Commands

Side A of XEXOR Disc :

| |HELP | [topic {sub-topic}] | A complete HELP facility with help available on all built-in functions of XEXOR |

| |VERIFY | [track-range] | Verify a disc, or part of a disc and list bad sectors |

Side B of XEXOR Disc :

| |TAPEDISC | | Copy standard tape files to disc |

| |TAPEINFO | [A] | Information from headers of tape files |

Each command has its own corresponding .DOC file to provide more information since HELP on extension commands is not available using the HELP command.

APPENDIX C

Included Brain Files

Brain files on side B of XEXOR disc :

Brain file name	Parameter name	Use
EXXOS		PURPLE SATURN DAY
SPEED1		* R-TYPE
		AFTERBURNER
		ROBOCOP
		RAMBO III
		* LAST NINJA 2
		+other speedlock programs
SUPER	BATMAN	BATMAN (THE MOVIE)
	MYTH	MYTH
	WILD	WILD STREETS
	POWER	POWER DRIFT
	GHOULS	GHOULS 'N GHOSTS
	TURRICAN	* TURRICAN

* = only required to copy side A of the disc.