

**MENU for VENUS SYSTEM**

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## INTRODUCTION

This manual is intended to assist an optometry student to use Venus system to perform electro diagnostic procedures. Main topic of discussion will be how to use the MENU program.

The main menu is DOS menu program which simplifies DOS commands to CHOICE of numbers. I hope this menu system will reduce learning curve of non computer experienced optometry students.

## HARD DRIVE STRUCTURE (DIRECTORIES)

At the time of installation of menu program, system contained two logical drives by dividing one physical drive. First logical drive, which named drive C: contains VEP (Venus), ERG, DOS and MENU programs. Structure of hard drives are like a tree. Each directories branched from root directory. See following diagram for further understanding.

Drive C: (root directory)-----\DOS---DOS files

-----\VENUS---VEP files

-----\ERG---ERG files

-----\MENU---Menu files.

Drive D: (root directory)-----\WS4---Word Star files

-----\XTPRO---Xtree Pro program files.

User can navigate among directories using DOS change directory command at the DOS prompt. (i.e. type CD\VENUS and hit enter key will bring into VENUS directory )

## STRUCTURE OF THE MENU

The menu composed of a primary menu (MAIN MENU) and sub programs which inter connect programs to the main menu and the custom made utility programs.

When you turn on the system, you will see following screen;

### MAIN MENU

by Scott Youn

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- 1) Display files in Floppy Disk
- 2) Copy File(s) from Floppy to Hard Drive
- 3) Run Venus
- 4) Run ERG
- 5) Print ERG
- 6) Run Word Star 4
- 7) Display Files in Hard Drive
- 8) Copy Files from Hard to Floppy Drive
- 9) Format New Floppy Disk
- 0) Delete File(s)
- 11) Run Xtree Pro
- X) Exit to DOS

Type your Choice and hit [enter] key.....

## USING MENU

### **1) Display files in your floppy disk**

By typing "1" and hit [enter] key at the prompt, we can see files in your floppy disk drive. This command is comparable to the "tree" command of DOS.

### **2) Copy File(s) from floppy to hard disk.**

By typing "2" and hit [enter] key, you will see the displayed message as follows;

Type and Name of File(s) required to copy into Hard Disk.

Examples of name of prog., or dir..... Venus, ERG, WS4...etc.

Name of program directory.....[enter] to quit ?\_\_

You can stop Copying files by hitting just "ENTER" key only.

Or type the name of program directory at the cursor, ERG, and VENUS.

If you typed VENUS you will see following message.

Type of Data files.. [R]aw data or [S]weep data.....[Enter] to quit?

If you want to stop and go back to MENU screen simply just hit the "ENTER" key only.

Otherwise, type "S" for the sweep data file or "R" for the raw data files.

If you typed "R" for the raw data file(s), you will see following message.

Name of file(s)... ([\*.\*] for all types)..?

If you want to copy a data file, type the name of the file. For example, if the name of the file is 000123.000, you need to type full name as 000123.000 and hit ENTER key.

If you want to copy more than one data file, type \*.\* and hit the ENTER key. By typing \*.\* will copy all the raw data files in the floppy disk of drive A: to the hard drive C:.

### **3) Run VENUS**

By typing 3 at the prompt, the menu will bring the VENUS screen.

### **4) Run ERG**

By typing 4 at the prompt, the menu will bring the ERG screen.

### **5) Print ERG**

...By typing 5, you will activate PD.EXE of the ERG program. PD.EXE file is for printing ERG recordings.

### **6) Run Word Star 4.**

By typing 6, you can use word star 4. Word star 4 was installed in drive D: of hard drive. You need to have a floppy disk in drive A: to save your word processing files. Before you type 6, it is wise to put a floppy disk in the drive A. to save your work.

### **7) Display Files in the Hard Drive**

By typing number 7, you will see following messages.

Type the Name of Program or Directory you want to see

Examples... VENUS, ERG

Name of program or directory or [enter] to quit?

Type the name of program directory as example such as VENUS and hit the ENTER key or you can hit just enter key only to stop. If you typed VENUS , then you will see as following;

Type of files..[R]aw data, [S]weep data or [enter] to quit?

Now you can simply type the capital letter R for raw data of S for sweep data. Then you will see the list of the files. If the list is more than one page, screen will pause between pages.

### **8) Copy files from hard to floppy disk**

I am strongly recommend you to use this commend to copy files from VENUS or from ERG because after you make copy of the files you can also delete that same files from hard drive to make room for the next user.

You will see as follows;

Type and Name of File(s) to copy from Hard disk

Examples of name of prog. or dir.... VENUS, ERGetc.

Name of program of directory..[enter] to quit ?

You can stop this by hitting the enter key. You need to type the name program as in examples or you can type directory name as registered in hard drive C:.

If you hit the enter key after program name, you will se as follows;

Type and Name of File(s) to copy from Hard disk  
Examples of name of prog. or dir.... VENUS, ERGetc.

Name of program of directory..[enter] to quit ? erg

Type of Data Files.. [E]xperiment,[C]omment,e[R]g,[S]timulus  
[P]rint,[A]cquisition or.....[enter]to quit ?

Then type the type of data files by typing letter in the bracket and enter the name of files  
you want to copy. If you did correctly, you will see as follows;

Listed file(s) will be copied from hard disk

Volume in drive C has no label  
Volume Serial Number is 1A46-5B03  
Directory of C:\ERG\PRNDAT

try.prn    exampl.prn

Confirmation [Y/N] ?

Type Y if you want to copy the files shown on the screen.  
You will have choice to delete files you just made copy from hard drive.

Do you want to delete file(s) that you copied from Hard Dive.[Y/N] ?

If you typed Y or y then you will see list of files which you made copy from hard drive.  
You can confirm by typing Y at the prompt and computer will delete files from hard drive.  
If you just want to copy files without deleting those, type N or n at the prompt to stop.

### 9) Format New Floppy Disk

All new floppy diskettes need to be formatted before use. Two types of diskettes can be  
used with this system, and which are low density 5 1/4"(DSDD) and high density 5 1/4"  
(DSHD). A low density diskette will hold 360KB memory and a high density diskette will  
hold 1.2 MB. Choose H or L according to the type of your diskette at the following  
screen.

Are you wish to Format a Low density or a High Density Diskette

Please specify .....[H/L] or [enter] to quit?

Then you will see following message;

Insert new diskette for drive A:  
and press ENTER when ready...

Insert new diskette in drive A: or if it is already in drive A: , then hit ENTER key.

### 0) Delete files

By entering 0 at the choice, you will see as follows;

Delete from ....Hard [C:] or Floppy [A:] or [enter] to quit? **c:**

Name of Directory to delete from..or [enter] to quit? **venus\rawdat**

Examples..VENUS\RAWDAT, VENUS\SWPDAT, ERG\EXPDAT, ERG\COMDAT

You need to enter full registered directory and sub directory names as shown above.

Name of file(s)..[\*.\*] for bulk erase or [enter] to quit?

Then you will see;

List of file(s) to be deleted.....

Volume in drive C has no label

Volume Serial Number is 1A46-5B03

Drive C:\ directory

0000123.000

Confirmation [Y/N]..?

By entering Y or y at the prompt, computer will delete files shown on screen.

### 11) Run XTPRO

Bring XTREE PRO program on screen.



## **X) Exit to DOS**

By pressing X and ENTER key, you will see MS-DOS prompt as follows;

Type quit when you done A:\>

After you done using MS-DOS prompt, type QUIT and press ENTER key to return to main menu.