

This addendum replaces Chapter 2 in your Interpex Software Manual. It is generic in nature, since it applies to all Interpex software. In it you will find:

- **Instructions for installing software to the hard drive;**
- **Copy protection usage directions;**
- **Instructions for running the software under Windows 95 and NT;**
- **Directions on how to capture a printer port in Windows 95.**

Installation of Interpex Software Packages

This publication contains the installation instructions for installing Interpex software on a computer's hard drive. It supersedes your manual's installation instructions. It describes:

- Backing up the distribution diskettes;
- Reasons for copy protection;
- Working with hardware or software copy protection;
- Installing and using the Interpex software package on a hard disk;
- Configuring your hardware;
- Suggestions for learning how to use the Interpex software package;
- Technical support information.

Use this chapter to transfer the files from the distribution diskettes to your hard disk or floppy disk. We offer suggestions for executing the Interpex software package from any subdirectory and for using your single license software on multiple machines.

Backing Up The Distribution Disks

We recommend that you make a file by file backup copy of the distribution diskette. We suggest this for your benefit in the event that you inadvertently erase an important file from it.

Place the write protect tab on the backup copy, label it, and store it in a safe place. This backup copy protects you from loss of the original executable and the other associated files. This backup procedure does not affect the software key.

CAUTION! DO NOT USE; THE EXTERNAL DOS COMMAND DISKCOPY, AS FILE INTEGRITY AND COPY PROTECTION MAY BE JEOPARDIZED.

Reasons for Copy Protection

Interpex software packages are copy-protected - either by hardware or software methods. Users have mixed reactions to copy protection. Some users prefer the protection, as it prevents personnel from making unauthorized copies. This keeps the owner from becoming liable for unauthorized use of a package purchased in their name. Copy protected software from Interpex is as easy to execute as software that is not copy protected.

Interpex software is affordable and economical for the single user. Copy protection of Interpex software makes the production and sale of our software economically possible. Most of our users are responsible consumers and respect our position on copy protection. We thank you for your cooperation.

This remainder of this chapter is divided into two main parts: installation of hardware-copy-protected packages, and installation of software-copy-protected packages.

- If your package is hardware copy-protected, turn to page 2 for installation instructions.
- If your package is software copy-protected, turn to page 4 for installation instructions.

Follow the instructions in this section for installation and copy protection procedures for packages supplied with hardware copy protection. Attaching the hardware key is described on page 2. Procedures for installing the program files on a hard drive are described on page 2.

Interpex software that is supplied with a hardware copy-protection key has no software copy-protection key, as described later. The executable files of this package are keyed to the hardware copy-protection key.

Installation of Packages Having Hardware Copy Protection

Copy Protection and Number of Installations

Hardware copy protection of Interpex software packages is accomplished through a 25-pin hardware key (sometimes called a *dongle*) that attaches to the parallel port of your computer. Using the hardware key, you may install the software on multiple computers. When you want use it on a different computer, switch the computer and printer off, move the key to that computer's parallel port, and then execute the program. You *do not* have to remove the program files that are installed in the computer.

Attaching the Hardware Key

Attach the hardware key in the following way:

- Turn off the power to the computer and printer.
- Unplug the parallel printer cable (if installed) from the back of the computer.

CAUTION! Ensure you connect the end of the hardware key labeled **COMPUTER** to the 25-pin parallel printer port. *Notice that it is possible to plug the key backwards into a serial port.* It is easy to tell the two ports apart: the parallel port is a female 25 pin connector (full of holes), and the serial port is a 25 pin male connector (it has pins protruding from it). If you plug the key into a serial port, you may damage the key, the serial port, or both.

If your computer uses a Small Computer System Interface (SCSI) to control disk drives, the controller card may have a 25 pin port that looks just like a parallel port. The hardware key will not work in this port. In fact the computer may not even boot if in this configuration.

- Plug the hardware copy-protection key into your computer's 25-pin *parallel printer port connector*.
- Plug the parallel printer cable into the key, in piggyback fashion.
- Tighten the key's screws to secure it to the parallel port, and tighten the parallel printer cable connector's screws to secure it to the key.

Note: If your computer has more than one parallel port, the key can be attached to any available parallel port. A parallel printer need not be physically installed for the lock to function. The lock is transparent to the printer; the parallel printer port is just a convenient access point in which to install the key.

Once the key is attached, follow the program installation instructions.

Installing to a Hard Disk

In this section we will go through the steps required for the installation of the Interpex software package.

Make sure you have enough free space on your hard disk before beginning the installation. Place the distribution diskette in a floppy disk drive. Log on to the floppy drive by typing the drive letter, followed by a colon (:), for example,

A: <enter>

If you retain the software key on the Distribution Diskette you may install the program files of the Interpex software package on more than one computer. You may then run the Interpex software package on any computer on which you have installed the program files, as long as the Distribution Diskette is in the floppy drive upon startup of the program.

Note: The copyright prohibits you from running the program on more than one computer at a time.

The Distribution Diskette contains two software copy-protection keys. The second key is provided as a backup in case the first key is lost or destroyed. If you make a mistake during installation, and want to remove the Interpex software package subdirectory or delete newly installed files, recall the software key to the distribution diskette before performing any deletions. Failure to recall the software key reduces the number of installations the Interpex software package permits. See page 9 for detailed instructions on recalling the software key.

CAUTION! PLEASE RECALL THE SOFTWARE KEY BEFORE FORMATTING A DRIVE, USING A DISK COMPRESSION UTILITY, OR USING ANY OTHER TYPE OF DISK MAINTENANCE PROGRAM.

Installation to a Hard Disk

This section instructs you in automatically installing the software package to a hard disk using the INSTALL.EXE file.

Make sure you have enough of free space on your hard disk before beginning the installation. You should be aware that the data set files of every version of a profile or survey will be at most as large as the original data set file. Thus, you should be aware of the amount free disk space available for storage. This value is displayed at the lower right corner of the software package Main Menu. Periodic purging of unneeded versions is a good idea if disk space is at a premium.

Place the distribution diskette in the appropriate floppy disk drive. The instructions below assume this is drive A:. At a DOS prompt type

A:<enter>

This command logs you onto drive A:.

Execute the INSTALL.EXE program by typing the following at the A: prompt

INSTALL <enter>

A menu appears with the options shown below.


```

##### INTERPEX Installation #####»
o
o Writing BROWSE.COM
o Writing RESIXP.EXE
o Writing README.BAT
o Writing README.DOC
o Writing RSXP.ZIP
o Inflating: resixp.ovl
o Writing AUXIL.ZIP -
o
o
o
o
o
o
##### Interpex Limited#####¼

```

Figure 8: Loading and Decompressing Files

The installation program displays a list of the files it is reading, and then writing to your hard drive. The program also displays a message telling you it is inflating any compressed files. After this happens the Main Menu reappears.

Installing The Software Protection Key

This utility provides you the option of installing the software copy protection key to your hard disk, or retaining the software key on the distribution diskette. Having the software key on the drive where the Interpex software package is installed eliminates the need for having the Distribution Diskette in the disk drive when you execute the program from the hard disk.

The installation procedure lets you install the Interpex software package, and gives you options to move the copy protection mechanism from the distribution diskette to the hard disk and back. If your copy protection is damaged, contact our technical support personnel nearest you (address and telephone numbers are list at the end of this section). The protection software provides an option for our technical support to restore the “fingerprint” using special numeric codes.

When the install program successfully completes, control returns to the Installation Menu. You are now ready to run the Interpex software package. Select the **Exit** option to return to the DOS prompt. Remove the distribution diskette and store it in a safe place.

Executing The Interpex Software Package

Assuming you installed the Interpex software package to a hard disk, use the DOS CD command to log onto the Interpex software package directory. Enter the following at the DOS prompt:

```
CD [directory name] <enter>
```

If the software copy-protection key resides on the Distribution Diskette, first insert the Distribution Diskette into the appropriate floppy drive before executing the program. Then, for the appropriate software, type

```
[software launch command] <enter>
```

If you have included the double dot (..) and the directory name in your path statement, you may execute the program from any subdirectory (see Setting the DOS Path on page 8 for more information). If the path statement is set up correctly, you should be able to change to the directory (or subdirectory) that contains

your data, and launch the Interpex software package from within your data directory. This should usually be a subdirectory of the one containing the Interpex software.

Configuring the Computer System

In addition to installing the Interpex software package, you may want to modify the AUTOEXEC.BAT and the CONFIG.SYS files. Modifying these files makes the Interpex software package easier to use.

Setting The DOS Path

Specifying a DOS path is particularly important when the program directory is not that which is assigned a by default (usually the default directory name will be the program name or some variant thereof). We recommend that you specify in the PATH statement the location of the software launch command file. Otherwise programs may not be able to access each other.

If the Interpex software package files reside in the program subdirectory on your hard disk, the PATH statement in your AUTOEXEC.BAT file would in part look like this:

```
PATH ..;C:\DOS;C:\;C:\[Interpex software directory name];...
```

Especially observe that the different uses of colon and semicolon, and back slash as opposed to forward slash. The “..” notation tells DOS to look in the directory immediately one level up from the calling directory. Consult your MS-DOS User's Manual for more information on using the PATH command. With the above path statement in your AUTOEXEC.BAT file, you can change to any project subdirectory (making it the default) and run the Interpex software package from there.

Setting Up a Directory Structure

Setting up separate directories for data is optional. However, such a directory structure makes it easier to access your data. For example, you might set up separate subdirectories under the directory containing your software for each data set or project. Copy the field data into that subdirectory and execute the Interpex software package from there. If you work on different projects concurrently, this type of directory arrangement keeps the data for different projects separate. The following example illustrates the steps you would use to create and execute the Interpex software package from a project subdirectory. This example assumes you have used the directory name of your software in your installation.

```
CD \[software name] <enter>  
MD DATA <enter>  
CD DATA <enter>  
COPY A:*. * <enter>  
[launch command] <enter>
```

Let us look at what these commands do. First you must change to the appropriate Interpex software package directory; then create the subdirectory DATA. Afterwards, change to the DATA subdirectory; copy all files from the diskette in drive A: into the DATA subdirectory, and finally execute the Interpex software package from the DATA subdirectory.

Figure 9 illustrates the directory structure of the example above.

Support and Consulting

If reading the manual fails to give you the information you need, Interpex will answer questions about the Interpex software package and its use. Consulting on issues other than software support is available for an additional fee.

Your Suggestions and Comments

All users profit from comments regarding the software and the manual. Our goal is to enable the typical user to employ our software easily and effectively. We appreciate your help in evaluating and updating this product. Please forward your suggestions and comments to:

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Golden, Colorado 80401
Tel: (303) 278-9124 Fax: (303) 278-4007
email: support@interpex.com
World Wide Web Site: <http://www.interpex.com>

Technical Support and Maintenance

In order to provide our customers with the best technical support possible Interpex has established three distributors with full software manufacturing capabilities in Europe. To obtain technical support please contact the distributor in your area.

Great Britain and surrounds:

Campus Geophysical Instruments

Vincent Drive

Edgbaston

Birmingham

B15 2SQ

ENGLAND

Tel: 1214-715040

Fax :1214-715040

Country Code: 44

Germany, Austria and other German speaking areas:

HarbourDom Consulting GmbH

Riehler Platz 1

50668 Köln

Germany

GERMANY

Tel: 221-7392599

Fax :221-733598

Country Code: 49

email: support@harbourdom.de

Italy and surrounds:

Europex

Via Liberazione 36

29017 Fiorenzuola D'arda (PC)

ITALY

Tel: (523)983361

Fax :(523)983361

Country Code: 39

If for some reason you are unable to contact the above distributors or you fall outside one of the above areas please feel free to contact Interpex directly at our Golden Colorado USA office.