HD-TechManager 3000

Owners manual

Windows95

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HD-TechManager5000 software created for KEY SOFT SERVICE, CH-Schenkon

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Important informations

Welcome to the Pointstyle® HD-TechManager5000 - the communication software for the KN5000 with HD-AE5000.

This manual describes the installation of the software, the connection to the keyboard as well as the operation of the HD-TechManager5000.

We have striven, to formulate all functions in a simple, understandable way. If this should not have been successful in your opinion completely, we gladly accept your constructive criticism.

All functions to be executed are highlighted on a frame.

Important and helpful hints are marked with top/bottum point lines.

The software

The HD-TechManager5000 software is developed based on the Visual Basic and VisualC++ and runs under Windows95 only. The graphic differences limit themselves only to the different system shells.

The software works with the VisualBasic5 runtime library. During installation the necessary files will be copied to the Windows\system directory. If you want to remove the HD-TechManager5000 for any reasons from your system, just start the Unwise.EXE

Since the HD-TechManager5000 software has to grab directly to the PC hardware (LPT1) and this was possible only still under Windows95 with justifiable expense, the software is not able to run under Windows NT.

HD-TechManager5000 is consistently programmed for the same operation logic of Win95. If you have problems with basic Windows operation please read the Win95 help or start the Win95 tour.

System requirements

Since up to 15'000 files can be transferred, we presuppose for a justifiable working speed at least a fast 486 system. As already mentions, Windows95 must be installed. A mouse is obvious. With approx. 16MB RAM you can run the data transmission also in the background. Because the HD-Tech-Manager5000 is working with hard disk data only, there is no MIDI interface necessary.

Setup for Windows95

Start Windows95 and close close all other programs, insert the HD-TechManager5000 Disk 1/2 into drive A and start the setup Program by pressing start/execute. Type **A:\Setup.exe**

The installation program will examine your system. You can select your language first.

The setup program will lead you through the installation progress. You may be prompted for additional information's like your name, company name and if necessary an other path.

Take out the disk 1/2 on demand and insert the disk 2 / 2.

The installation program create the HD-TechManager5000 (if you keep default setting) directory an the Files and Backup sub directory. On the main directory you will find the files:

HD-TE96.exe, Unwise.exe	Programs
ConvKN.dll	Libraries
Install.log	Log file
Readme.txt	Text file
D-Hilfe.hlp, E-Hilfe.hlp	Help files

The HD-TechManager5000 will be found on the Windows95 Start/Program folder.

Send us your registration card

Registered user receive a free 180 day software support. In addition we send you, if desired, all information about novelties. For some programs, as registered user you can profit by reduced prices for upgrades. Should your disk set be damaged, you of course receive immediately substitute.

With your statements about your system we can adjust our future developments better to the major PC configurations.

Service and Support

The telephone - support can become a costly matter not only for us but also your Telecom bill will be influenced negatively. Therefor we ask you to hold the following information's always ready:

- Registration card/number
- System information's
  (Operation system, Network, LPT configuration, ect.)
- HD-AE5000 version number
  from the keyboard HD handling system. You will find this number on the keyboard below MEMORY&CONTROL, HD-AE5000, SETUP & TOOLS, 2nd page and HD-INFO.

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If you have followed our installation proposal you will find below START/PROGRAMS the HD-TechManager5000 group and the HD-TechManager5000 icon. Also the help and readme files can be started from here.

The HD-TechManager5000 is subdivided into 4 Program parts:

CHECK PORT

Communication test between the HD-AE5000 parallel port and your PC interface (LPT)

BACKUP

The security copy of all your keyboard hard disk data's to your PC system.

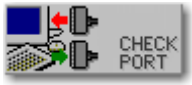
RESTORE

The „writing back" of the latest security copy from your PC system to the keyboard hard disk.

TOOLS

Functions which help you to make modification's on the keyboard hard disk easier and more comfortable.

In addition you will find an online help (F1) for a better understanding of new functions and operations.



Prepare the keyboard

The data communication from the keyboard to the PC (LPT) will be made with the special (CE proved) parallel port cable which is included on this set.

On the rear side of the keyboard you remove the small cover next to the Technics logo. On the PC you have to remove the printer cable. Connect the keyboard with the PC and screw the cable tight on both side. Now the keyboard must be set in the slave-mode.

On the keyboard press MEMORY & CONTROL, (HD-AE5000) HARDDISK, SETUP & TOOLS, PC DATA LINK and the START button.

You cannot use the keyboard on the slave-mode. For further operation just switch OFF/ON the keyboard again.

Double click the HD-TE96 icon to start the program.

CHECK PPORT

Before you press the CHECK PORT please make sure that the LPT setup is OK. The default is LPT1.

Click the CHECK PPORT icon.

As same as many other operations, you can use the shortcut like Ctrl/P or the menu guide to find the CHECK PPORT function.

When the CHECK PPORT protocol is OK, all other icons change to active mode. If the PC cannot find the keyboard within 2-3 seconds there must be a communication error and the PC will be set in a waiting mode for about 1 minute.

Please refer the hints and tricks.



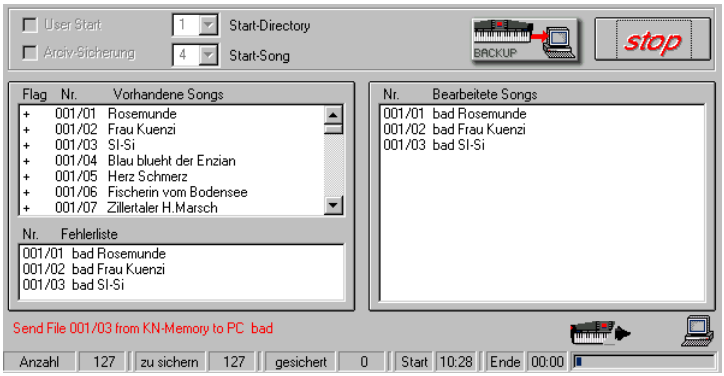
BACKUP

The security backup of all your files from the KN50000 with HD-AE5000 to your PC present something like an insurance of your valuable data.

If you make frequently changes on the keyboard hard disk we recommend a regular backup.

Click the BACKUP icon on the main page.

The function BACKUP (as all other function's) can be carry out with the mouse click or by using the short cut Ctrl/B.



For the first time, basically a main backup, we recommend to not change any thing on the settings.

In this condition you will find an exact mirror copy of the keyboard hard disk on your PC system.

Please be informed, to not use the BACKUP data's other than for your safety copy. When you change parts of these data's, the program cannot restore your files later.

BACKUP/RESTORE Options

Use the BACKUP/RESTORE options for the following cases:



! For Backup only !

During save to the HD-AE5000 hard disk the archiv flag for that file will be market. After the main BACKUP all archive flags on the HD-AE5000 will be erased.

For your following BACKUP the ARCHIVE BACKUP will only copy files with market flag from the HD-TechManager5000. So the BACKUP will be much quicker.



This option should be used only for tests or when you found a backup crash (power failure, file error). The last recorded file will be stored, so you can find the entrance point for the follow-up backup.



! For Restore only!

To protect your data on the HD-AE5000 you can set a 2-digit password during RESTORE.

With this password on each file, only with that password you can store songs on the FD.

Even when your keyboard gets stolen, nobody can make unauthorized copies of your Music data.

Main backup

For the first and most important backup you should use the default setting.

Click the BACKUP button on the backup page.

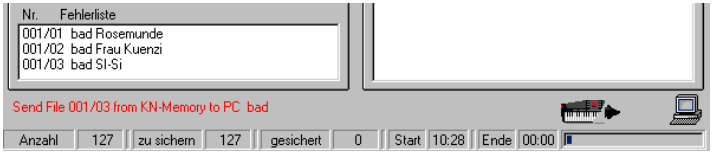
First of all you have to select the desired backup path. As the default setting the HD-TechMangere5000/Backup is proposed.

Bild von Backup-Pfad Auswahl

If you wish to have an other Backup directory you can create one on he same page.

With OK you start the backup direct.

On the Status bar you will be informed about counted, selected and transferred songs, start and end time and if once happen, a failed song list.



The picture looks similar to the screen

Each transfered song will be added to the reworked file list.

If the backup is finished successfully, it will be indicated in a dialogue box.

If the backup should have been interrupted, it will be indicated in this box too. When you start the next time the BACKUP mark the option „Selektiere Start" and the Backup will report the interruption position.

Archiv Backup

Select this kind of backup for your monthly backup update.
Only new files or overwritten files and the hole directory structure will be secured.

The operation is the same as for the main backup.

Selected Backup

If you have cancelled a backup or an other circumstance has stopped the data transfer, the next time when you start the backup you must mark User Start Backup.



The picture looks similar to the screen

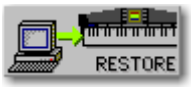
Click the User Start control field and select the directory and the start song position.

All other operations are the same like main backup.

!!! Stop transfer !!!

You can stop the data tranfer at any time. The transfer in operation will be completed and the file system block will be transfered.

A message box ask you to update file archive information's on the HD-AE5000 or to avoid these settings.



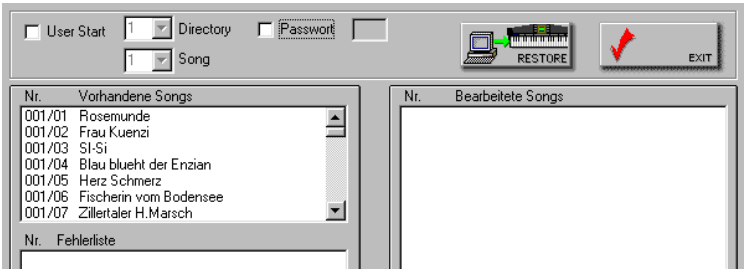
RESTORE

If you have a serious problem with your HD-AE5000 hard disk (FAT read error, head crash) your BACKUP possibility can be worth gold.

Only in such cases (very strong advice) a RESTORE should be accomplished.

Click the RESTORE button.

The function RESTORE can be carry out with the mouse click or by using the short cut Ctrl / R.



The picture looks similar to the screen.

The program automatic set the last backup path for the RESTORE.

If there is no backup log file on the actual directory, a message box will appear.

Because a RESTORE takes about 40% longer than a BACKUP please consider about the start timing. We recommend to make the RESTORE by night.



TOOLS

Many of the below described functions can be executed naturally also on the keyboard. But just the many naming operations can be made much easier and more quickly at the PC.

To keep an easy operation the HD-TechManager5000 has all TOOLS functions integrated on the left side of the main window. All changes will be transferred irrevocably to the keyboard.

All TOOLS functions will be closed over the EXIT Button again. A confirmation dialogue is integrated.



COPY TO HD-AE

With the COPY TO HD-AE function you can copy original KN5000 files from any drive or directory of the PC to the HD-AE hard disk.

Click the COPY TO HD-AE button.

As same as for all other TOOLS function the program request the hole directory, file, F.L.S. and naming structure. This can take about 10-20 seconds (depend on your PC power) each time.



The picture looks similar to the screen.

On the left side you will find all information's from your PC like well known from file manager or explorer.

Select the drive, the directory and a KN5000 file. Only Technics Files will be listed.

With a simple mouse click to the selected file, it will be copied to the text entrance field.

There are several parameters of the KN3000 files which we check during read to guarantee, that only original files will be transferred (none manipulated) to the keyboard hard disk.

In the text field you can change the short disk name directly and insert with a further double mouse click at the desired directory/file position (centre box).

This function can be accomplished up to a source change.

Only with selected option „Mehrfachkopie" you can copy an already copied files a second time.

Click the UPDATE button to send the prepared

Because this function cannot be cancelled you will be asked for your confirmation.

If you would leaf the COPY TO HD-AE page without updating, you will be asked to do or to drop your preparations.



RENAME

Since you can have names with 26 characters the naming (Song title's an directories) is the most intensive task on the keyboard.

With RENAME you can modify song title's and directories in a very simple and comfortable way.

After you have pressed the RENAME button on the main window and the lists are readet from HD-AE5000 hard disk the RENAME page appears.



The picture looks similar to the screen.

On the left you can rename song title's and on the right side you can do the same with directories.

Please keep in mind the not allowed characters.

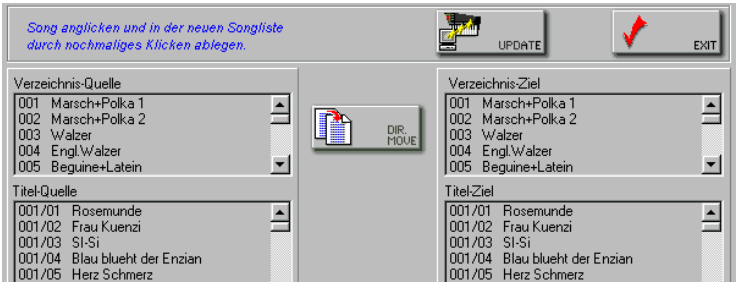
With the buttons „Text einfügen" and „Text kopieren" you can reduce the working time once more. (f.ex. Evergreens 1, Evergreens 2, Evergreens 3, usw.) This function is also available by pressing Ctrl + Ins and Shift +.

As same as for all other TOOLS functions use the UPDATE button to transfer the new text structure to the HD-AE5000 hard disk.



MOVE

In contrast to the COPY function the MOVE does not physically move songs from one the an other place on the hard disk. The MOVE is only a logically new list of directories and song tittle's.



The picture looks similar to the screen.

Since we can move single songs and complete directories this function needs a separate button, the MOVE DIR.

If you want to move a directory, please go ahead like this:

Choose a directory on the source box.

The selected directory will be marked with a star.

Select a free directory on the target box and click the DIR MOVE button to move the directory and its songs.

On the screen you will see the new directory and the songs are now located on the right side boxes.

Please keep in mind, that only the UPDATE function send the new structure to the keyboard hard disk.

!!! MOVE update all your F.L.S. automatically too !!!



Edit F.L.S

If you did not used the very helpful F.L.S. (File Load Script) yet, it is a good opportunity to make an example of this new listing of your files.

This system don't move or copy physical data on the hard disk but create up to 32 free assigned file links per F.L.S.

- For example: create a dinner music F.L.S.

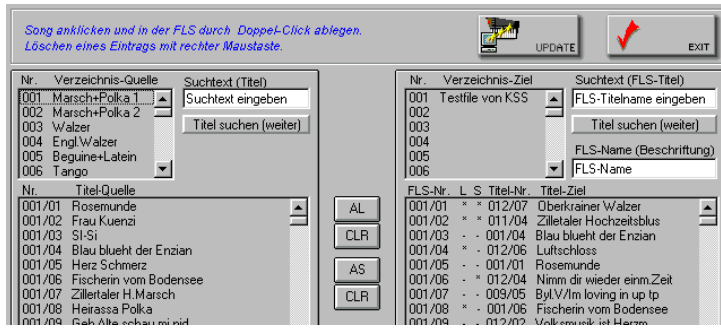
Click the EDIT-FLS button on the main page

The hole directory and list structure will be transfered from HD-AE5000 to the PC. Please have some patience.

The EDIT-FLS page show on the left side the HD-AE5000 directory and file list. If you have forgotten a file location you can search the file with the search function. On the right side you can create an independent F.L.S.
- Starting with the naming of an F.L.S.:

Click in the F.L.S naming file, type Dinner Music 1 and press enter to confim your naming.

As same as the MOVE system we also use the Click/Doubleclick operation for adding files in the F.L.S list.



The picture looks similar to the screen

Select or search the first file for your Dinner Music 1 F.L.S. and mark it with a left side click.

Lead the mouse to the F.L.S. File list No. 1 and double click to execute the entrance.

The location and the titel name will to copied to No. 1.

Use the A.L. and A.S. option's as same as on the HD-AE5000 for Automatic file Load after sequencer stop and Automatic sequencer Stop after load.

Click the ON/OFF button of the A.L. or A.S.

This function can make your play on stage much easier.

The CLR-FLS erease an existing F.L.S. completely from the list of F.L.S.



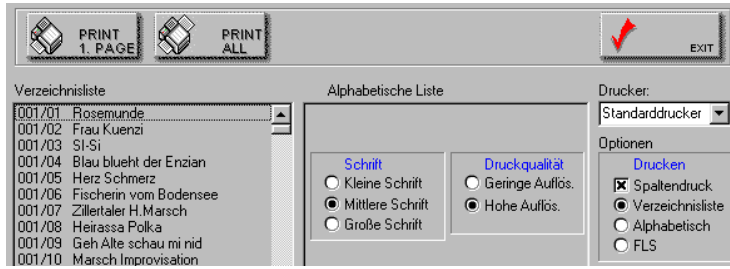
PRINT

With extended PRINT function the HD-TechManager5000 offer the possibility, to bring the entire list in the most different forms and print quality on paper.

When you have a simple PC configuration (only one LPT) the parallel port must be changed for the printing. We therefor recommends to made all hard disk modifications first and than start with the printing.

Click the PRINT button.

Fist of all you have to select your printer type. The default is your Windows standard printer.



The picture looks similar to the screen.

There are several OPTION's like „Spaltendruck", „Verzeichnisliste", „Alphabetisch", „Font" and „print quality". If your system has no Pentium power the list sorting can take some minutes.

If you mark the F.L.S. print option, the F.L.S. cannot be displayed unfortunately.

After all your selections click the PRINT 1. PAGE to control the sample print.

A dialogue box inform you that the connection has to be separated now for printing.

If you use the HD-TechManager5000 several times, we recommend for your own advantage to invest in a LPT-Switchbox card. The mechanical mulit switch box is available on the PC-Shop and cost about US$ 50.--.
An other solution could be the installation of an additional LPT card. We can supply a tested EPP/PS2 card for only US$ 18.--.

Replace the keyboard PPORT cable with the printer cable for access with your printer again.

If the printer is connected you can confirm the information dialogue an click the OK button.

If the sample print meet your ideas, you can direct click the PRINT ALL to get your hole directory printed.

If there is no form for your ideas, the program offer also the possibility to save the HD-AE5000 directory structure as a text file. Later you can edit this file with your prefered word or spreadsheet program.



DELETE

!!! Attention !!!

The function DELETE has a separate place on the main page, because this function erase files on the HD-AE5000 definitely. There is no undo function!



The picture looks similar to the screen

Like on all TOOLS functions, you can „surfing" in the song list from 1 to 1536. More simply and more quickly it goes however with the selection of the corresponding directory.

Click with the mouse all songs you would like to delete.

All songs marked for the deleting will get a * (star) next to the location.

!!!Attention!!!

Once more: If you press UPDATE, all the selected songs will be deleted from the keyboard hard disk physically. There is no way of return!!!



UNDO COMM

With the UNDO COMM button you can release the connection between the keyboard and the computer.

This function is required only then, if you want to check the transfers, or in between you would load Midi-Files from the keyboard floppy drive, and these subsequently should be modified on the rename section.

Please think about it, that you need a renewed Check port for further works with the HD-TechManager5000.

FORMAT HARD DISK

Although this order belongs to the most dangerous functions in the HD-TechManager5000, we need such a command.

Without a specific button, only in the menu list (Action/Format hard disk), you can format the keyboard hard disk.

!!!Attention!!!

Once more: If you accept all following warning page's the keyboard hard disk will be definitely formatted.

All data will get lost and there is no way of return!!!

Tips and hints:

"Please reserve some time, if you work with the HD-TechManager5000!"



If you check the communication to the keyboard before you set the keyboard in the PC-Link mode, the program runs in a loop and looks for (approx. for 20 seconds) for a communication.
If you have enough time to set the keyboard (MEMORY&CONTROL/ HD-HSO3000/SETUP&TOOLS/PC-LINK/START) in the PC-Link mode during that looping time the computer will report communication OK.

If the HD-TechManager5000 should crash (against our experiences) for any reasons, we recommend to reboot Windows once more.



A backup serves the Data security and should not be considered as a data bank.

Do not experience with your backup data's.

Even a backup on the computer is not 100% sure. If you have a streamer or a Zip/Jaz drive we recommend to make a copy of the Backup to such a backup media.

All data's written into the Backup path, should remain expressly there. Please think about the consequences of a personal action in the backup list explicitly.
*Changes on the *.dat files will definitely cause error messages by using the Restore again.*

Before you start your first main backup, consider, that such a backup, even when your hard disk contains 50% memory capacity, can take some hours. If the backup should not be interrupted, do not start this at the late evening, or let the computer switched ON during that night.

The backup - time depends not only on the amount the songs on the hard disk, but is influenced much more by the kind of songs (Midi-Files are much smaller than Technics files) and the quality of your system. A well "equipped" Pentium-PC can secure a backup up to 60% more quickly, than an „old", simple 486/100 system.



The RESTORE should only be used in case of emergency (FAT error = the data access table can be read no more, HD reset error = the hard disk can be grabbed no more) or to make a copy for a substitute - Keyboard with hard disk.

We recommend, in such a case to call your service centre, your local dealer or KEY SOFT SERVICE directly.

During your work with the HD-TechManager5000 you can grab with F1 at the extensive help menu.